



July 13, 2000

Ms. Lisha Cordova  
State of Utah  
Division of Oil & Gas, and Mining  
1594 West North temple, Suite 1210  
Salt Lake City, UT 84114-5801

Dear Lisha,

Enclosed are the original two copies of the of the Application for Permit to Drill for the NBU# 350, NBU 333, CIGE #247. Also enclosed is one copy of the Federal submitted APD for the NBU #332.

If you have questions or need additional information, please do not hesitate to call me, (435)781-7022.

Sincerely,

Katy Dow  
Environmental Jr. Analyst

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**JUL 14 2000**

**DIVISION OF  
OIL, GAS AND MINING**

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work

DRILL ☒DEEPEN ☐

B. Type of Well

OIL ☐GAS ☒OTHER: ☐SINGLE ZONE ☐MULTIPLE ZONE ☐

2. Name of Operator:

Coastal Oil &amp; Gas Corporation

3. Address and Telephone Number:

P.O. Box 1148, Vernal UT 84078

(435)-781-7023

4. Location of Well (Footages)

At surface: 878' FSL &amp; 1765' FEL

442191 N  
623583 E

At proposed proding zone:

14. Distance in miles and direction from nearest town or post office:

15.8 Miles Southeast of Ouray, Utah

15. Distance to nearest property or lease line (feet):

878'

16. Number of acres in lease:

640

17. Number of acres assigned to this well:

N/A

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):

Refer to Topo "C"

19. Proposed Depth:

6500'

20. Rotary or cable tools:

Rotary

21. Elevations (show whether DR, RT, GR, etc.):

5234.6' GR

22. Approximate date work will start:

Upon Approval

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8" K-55	24#	250'	90 sx Class G + 2% CaCl2
7 7/8"	4 1/2" K-55	11.6#	6000'	480 sx Prem lite II
				510 sx 50/50 POZ

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. Coastal Oil & Gas Corporation agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil &

24.

Name &amp; Signature

Cheryl Cameron

Title:

Cheryl Cameron

Sr. Environmental Analyst

Date: 7/11/00

(This space for State use only)

API Number Assigned:

43047-33639

Approval:

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 8/10/00

By: [Signature]

(See Instructions on Reverse Side)

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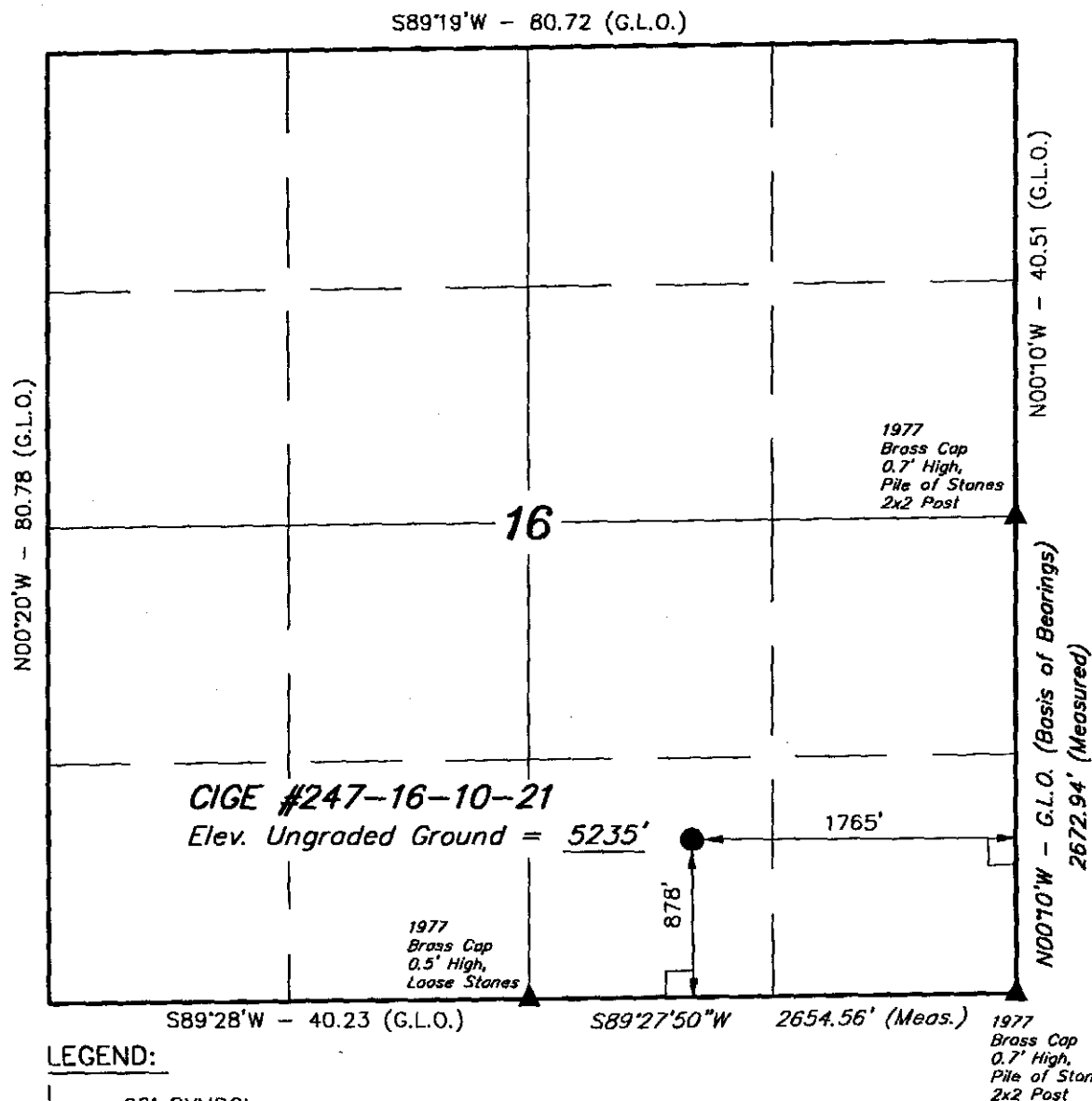
**T10S, R21E, S.L.B.&M.**

**COASTAL OIL & GAS CORP.**

Well location, CIGE #247-16-10-21, located as shown in the SW 1/4 SE 1/4 of Section 16, T10S, R21E, S.L.B.&M., Uintah County, Utah.

**BASIS OF ELEVATION**

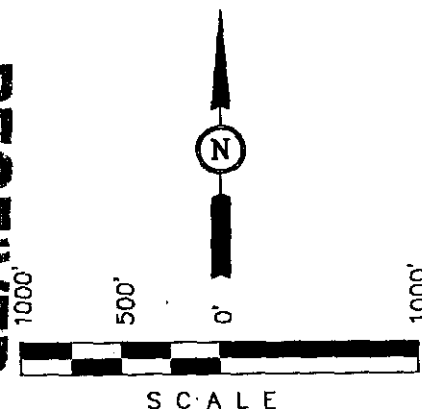
TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



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**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. P. [Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 09-18-98	DATE DRAWN: 09-22-98
PARTY G.S. J.K. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE COASTAL OIL & GAS CORP.	

## **COASTAL OIL & GAS CORP.**

---

**CIGE #247-16-10-21**

**SECTION 16, T10S, R21E, S.L.B.&M.**

**PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES ON STATE HIGHWAY 88 TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION FROM OURAY APPROXIMATELY 11.5 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING OILFIELD SERVICE ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 4.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED NORTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.**

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CIGE #247  
SW/SE Sec. 16, T10S-R21E  
Uintah County, UT  
ML-10755

DIVISION OF  
OIL, GAS AND MINING

**ONSHORE ORDER NO. 1  
COASTAL OIL & GAS CORPORATION**

***DRILLING PROGRAM***

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
KB	5235'
Green River	1375'
Wasatch	4500'
Total Depth	6000'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1375'
Gas	Wasatch	4500'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11' drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.

The hydrill will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2,000 psi.

4. **Proposed Casing & Cementing Program:**

<i><b>SURFACE CASING</b></i>	<i><b>Depth</b></i>	<i><b>Hole Size</b></i>	<i><b>Csg Size</b></i>	<i><b>Wt/Ft</b></i>	<i><b>Grade</b></i>	<i><b>Type</b></i>
Surface	0-250'	11"	8 5/8"	24#	K-55	ST&C

<i>Surface Casing</i>	<i>Fill</i>	<i>Type &amp; Amount</i>
Ft. of Fill 250'	250'	90 sx Class "G" + 2% CaCl <sub>2</sub> , + 0.25 Ib/sk Cello Flake 15.8 wt, 1.17 yield

<i>Production Casing</i>	<i>Type &amp; Amount</i>	
Ft. of Fill 4200'	Lead: 480 sx Premium Lite II + 3 Ib/sk CSE + 0.5% Sodium Metasilicate + 10% Gel + 0.25 Ib/sk Cello Flake + 3% salt + 3 Ib/sk Kol Seal, 11.0 wt, 3.44 yield	
Ft. of Fill 1800'	Tail: 510 sx 50/50 POZ + 0.1% R-3 + 1% EC-1 + 0.2% Sodium Metasilicate + 2% Gel + 0.5% FL-25 + 3% salt	

5. **Drilling Fluids Program:**

Refer to attached Mud Program.

6. **Evaluation Program:** (Logging)

No open hole logs

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure @ 6000' TD equals 2,400 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1,080 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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CIGE #247  
SW/SE Sec. 16, T10S-R21E  
Uintah County, UT  
ML-10755

**ONSHORE ORDER NO. 1**

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

**1. Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

To reach the CIGE #247 location - Proceed in a westerly direction from Vernal, Utah along U.S highway 40 approximately 14.0 miles to the junction of State highway 88; exit left and proceed in a southerly direction approximately 17.0 miles on State highway 88 to Ouray, Utah; proceed in a southerly direction from Ouray approximately 11.5 miles on the seep ridge road to the junction of this road and an existing oilfield service road to the east; turn left and proceed in a easterly direction approximately 4.1 miles to the junction of this road and an existing road to the northeast; proceed northeasterly direction approximately 0.2 miles to the beginning of the proposed access road to the northwest; follow road flags in a northwesterly, then southwesterly direction approximately 0.2 miles to the proposed location.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

***Improvements to existing access roads shall be determined at the on-site inspection.***

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

**2. Planned Access Roads:**

Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, ***unless modified at the on-site inspection.*** Appropriate water control will be installed to control erosion.

***Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.***

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

*The following guidelines will apply if the well is productive.*

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo D for the proposed pipeline.

5. **Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

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CIGE #247

Surface Use &amp; Operations Plan

DIVISION OF  
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Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. *The need for a reserve pit liner will be determined at the on-site inspection.*

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). *This section is subject to modification as a result of the on-site inspection.*

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

If it is determined that a pit liner will be used at the on-site inspection, the reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

**10. Plans for Reclamation of the Surface:**

*Producing Location:*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

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*Dry Hole/Abandoned Location:*

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

**11. Surface Ownership:**

~~State of Utah  
Department of Natural Resources  
Division of Oil Gas & Mining  
1594 West North Temple  
Salt Lake City, UT 84114-5801~~

X SITLA per op. 7-18-2000.  
Jc

**12. Other Information:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey was conducted by Montgomery Archaeological Consultants. A copy of this report was submitted directly to UTDOGM.

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**13. Lessee's or Operators's Representative & Certification:**

Cheryl Cameron  
Environmental Analyst  
Coastal Oil & Gas Corporation  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7023

Ben Clark  
Drilling Manager  
Coastal Oil & Gas Corporation  
9 Greenway Plaza, Suite 2770  
Houston, TX 77046  
(713) 877-7982

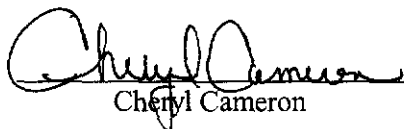
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. Coastal Oil & Gas Corporation agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation Bond #102103.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

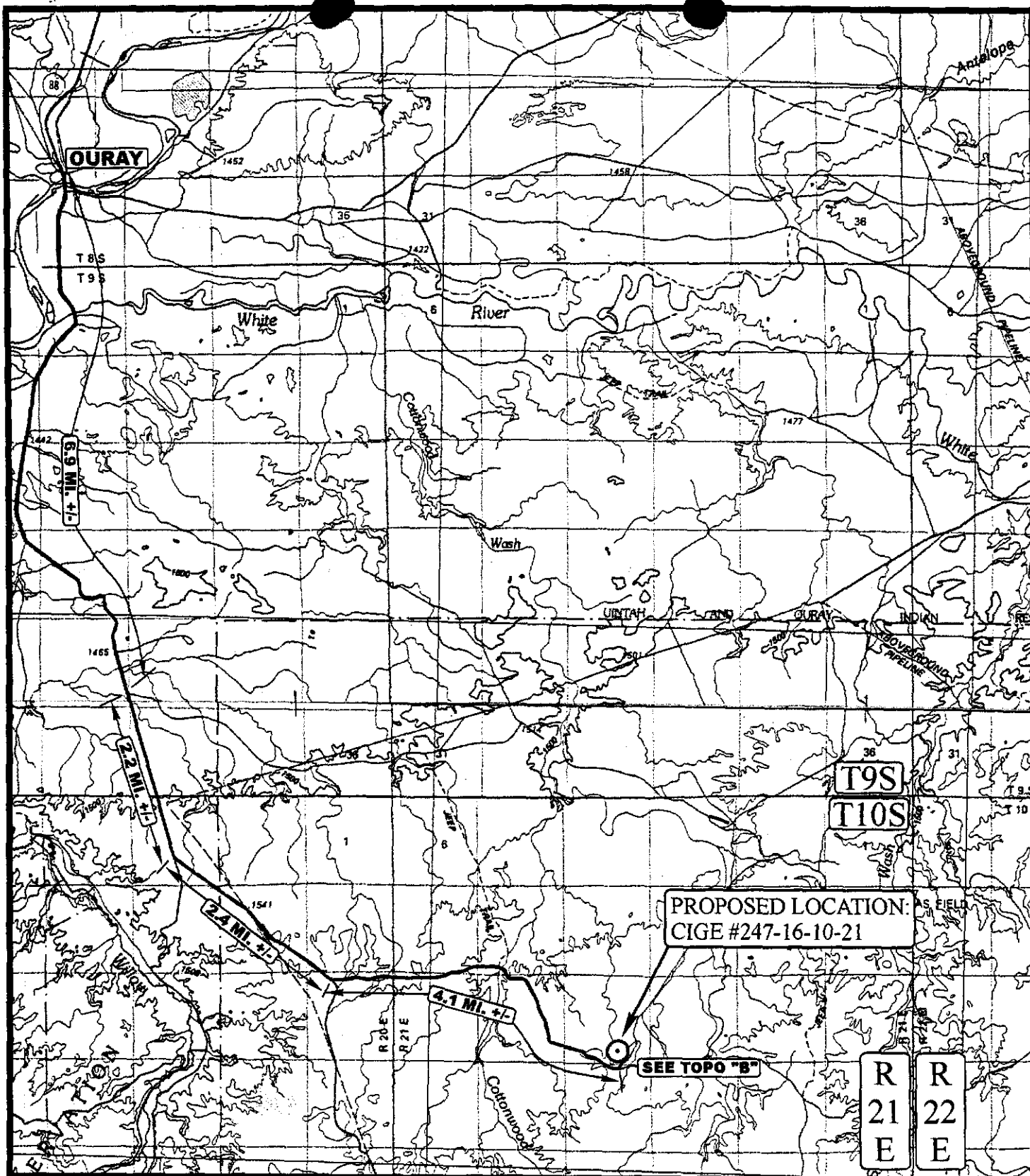
  
Cheryl Cameron

7/11/00  
Date

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# LEGEND:

○ PROPOSED LOCATION

N

COASTAL OIL & GAS CORP.

CIGE #247-16-10-21

SECTION 16, T10S, R21E, S.L.B.&M.

878' FSL 1765' FEL

U  
E  
S

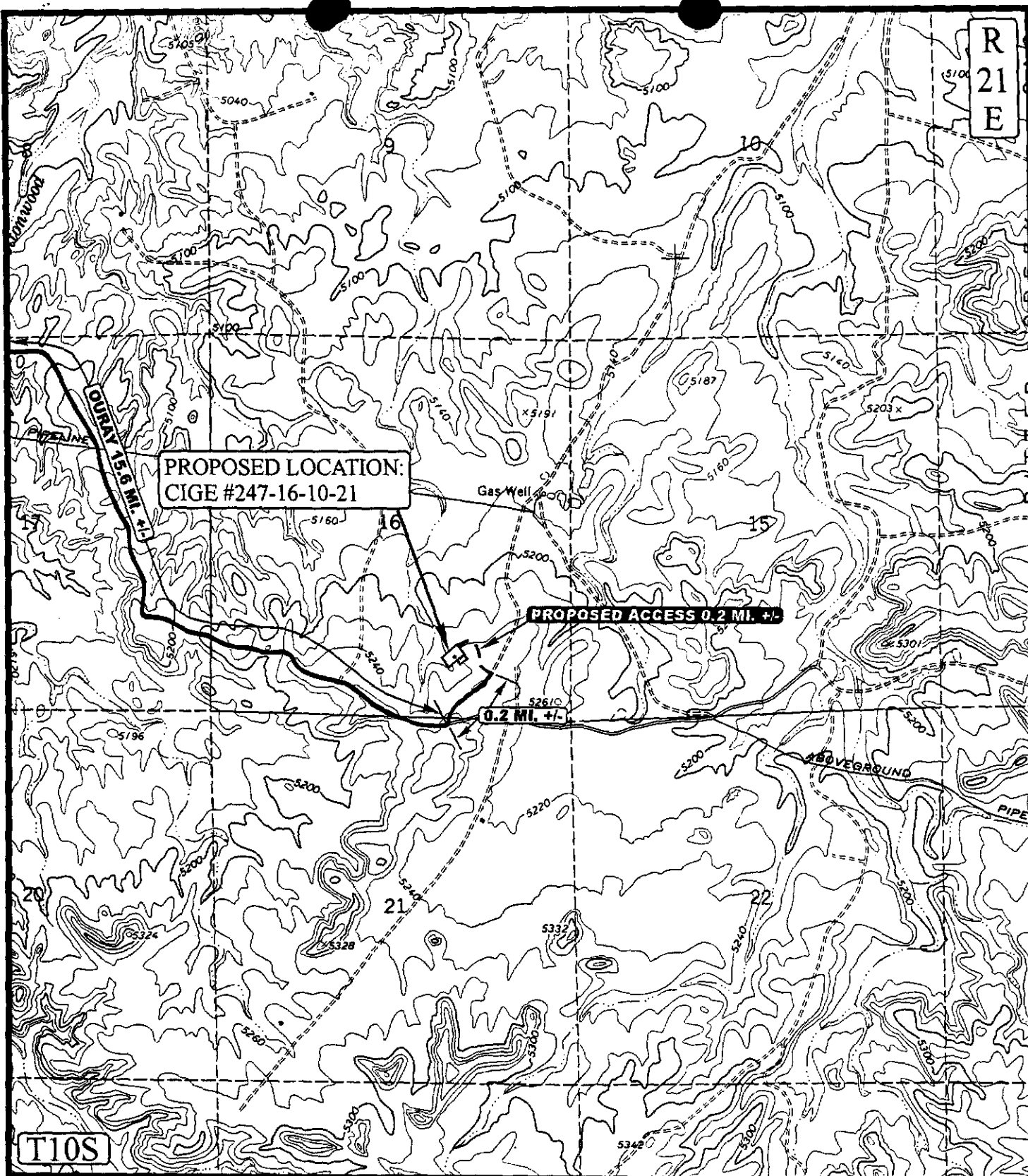
Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

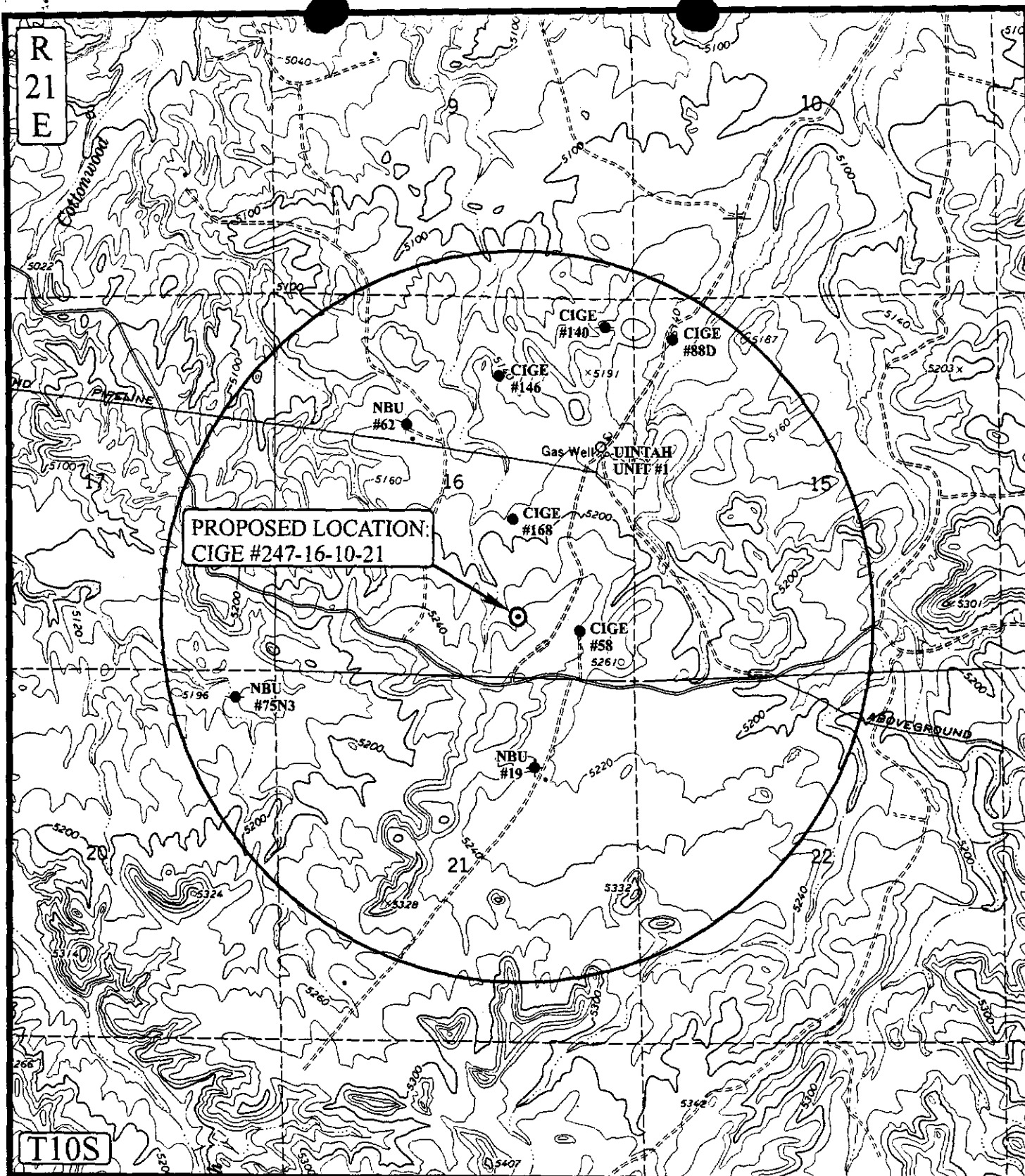
TOPOGRAPHIC  
MAP

9 24 98  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00

A  
TOPO





# LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

COASTAL OIL & GAS CORP.

CIGE #247-16-10-21

SECTION 16, T10S, R21E, S.L.B.&M.

878' FSL 1765' FEL



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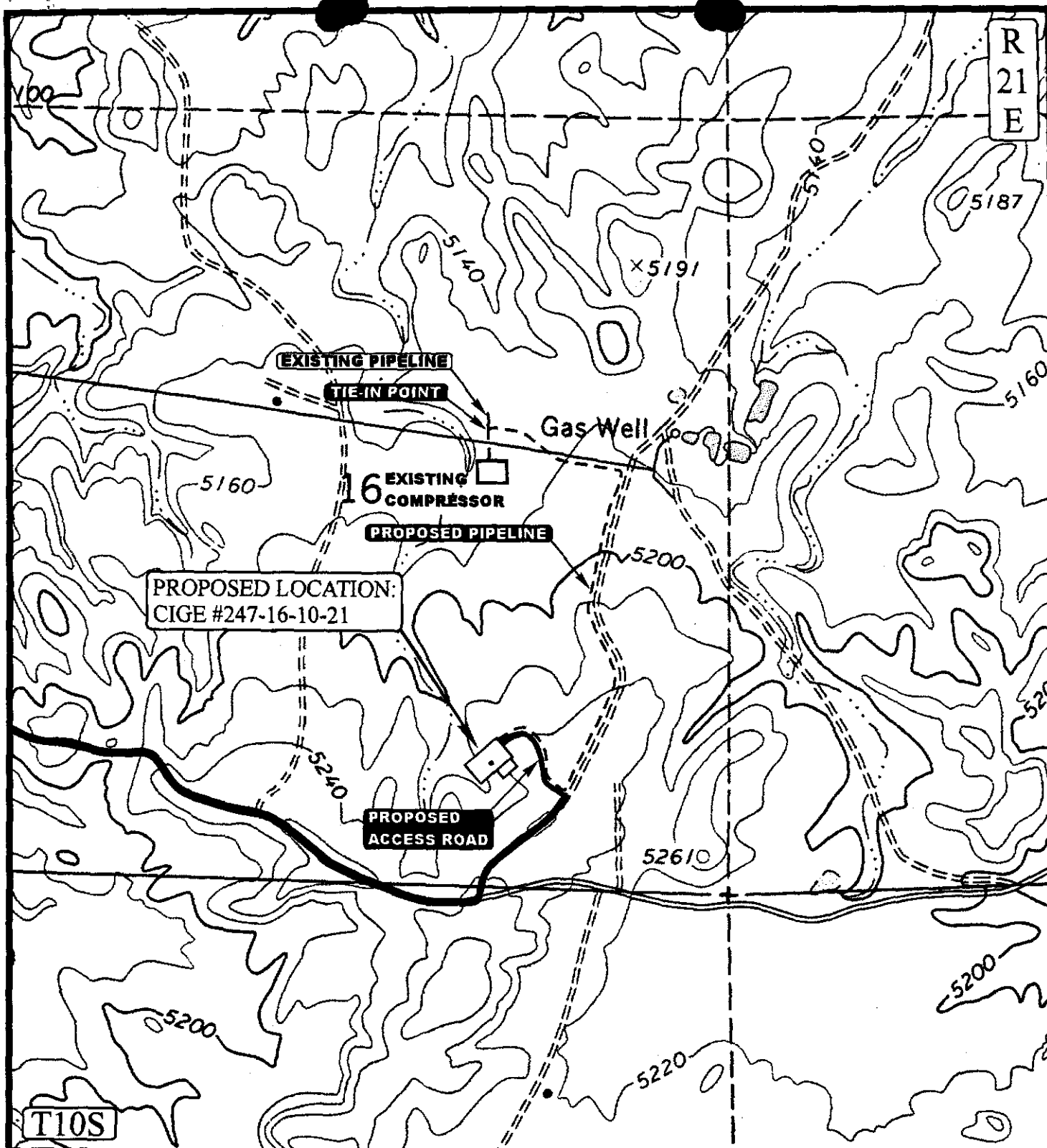


TOPOGRAPHIC  
MAP

9 24 98  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00

C  
TOPO



**APPROXIMATE TOTAL PIPELINE DISTANCE = 4100' +/-**

**LEGEND:**

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS

**N**

**COASTAL OIL & GAS CORP.**

**CIGE #247-16-10-21**

**SECTION 16, T10S, R21E, S.L.B.&M.**

**878' FSL 1765' FEL**

**UeIS**

**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**9 24 98**  
 MONTH DAY YEAR

**SCALE: 1" = 1000'** **DRAWN BY: J.L.G.** **REVISED: 00-00-00**

**D**  
**TOPO**

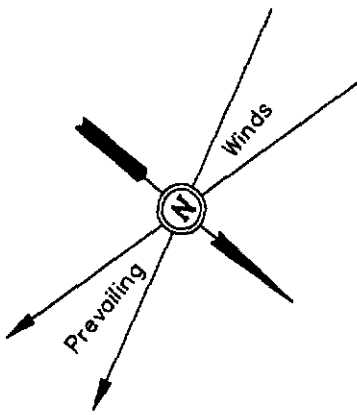


# COASTAL OIL & GAS CORP.

FIGURE #1

## LOCATION LAYOUT FOR

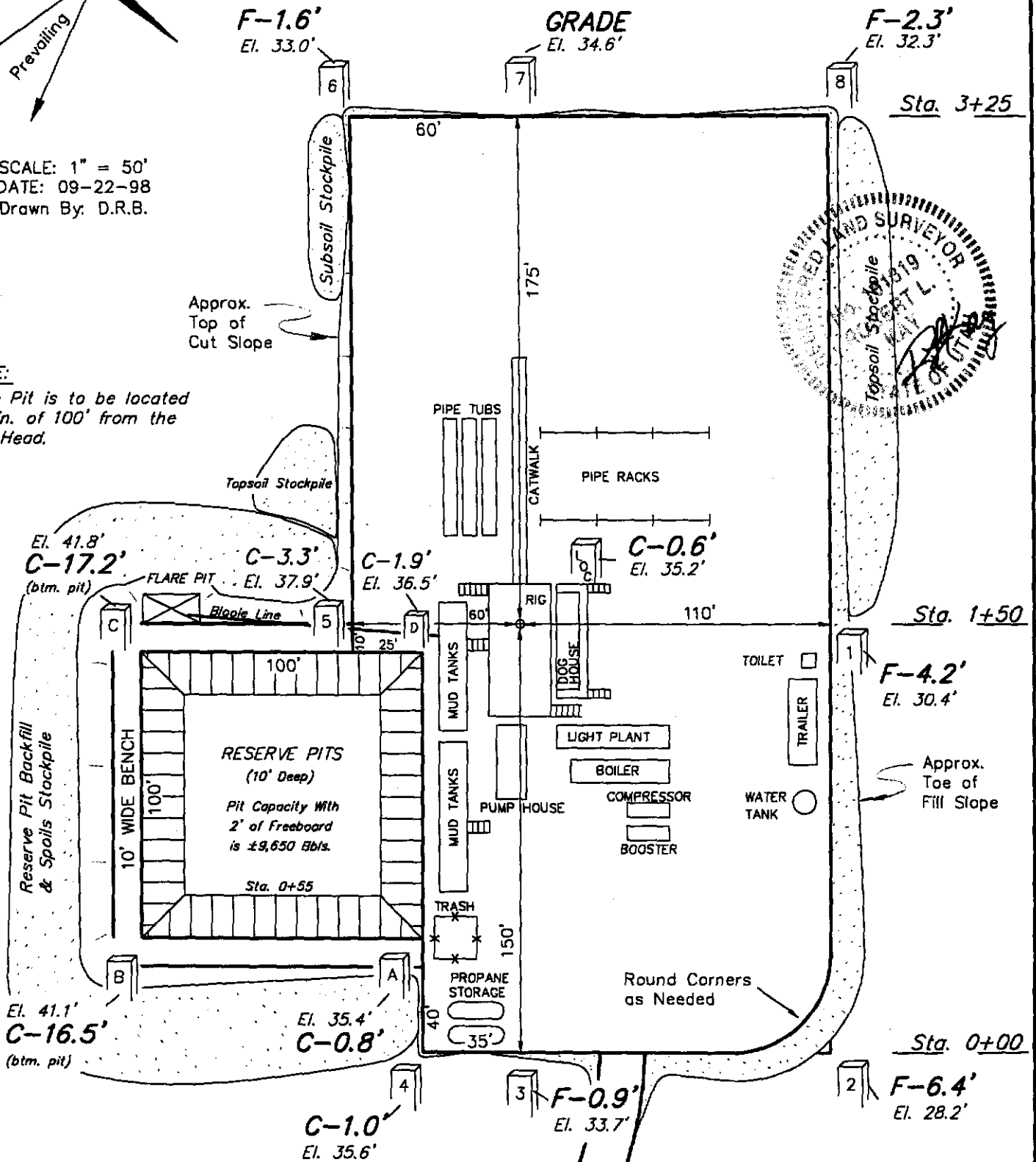
CIGE #247-16-10-21  
SECTION 16, T10S, R21E, S.L.B.&M.  
878' FSL 1765' FEL



SCALE: 1" = 50'  
DATE: 09-22-98  
Drawn By: D.R.B.

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5235.2'

FINISHED GRADE ELEV. AT LOC. STAKE = 5234.6'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1077

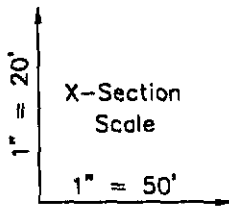
# COASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

CIGE #247-16-10-21

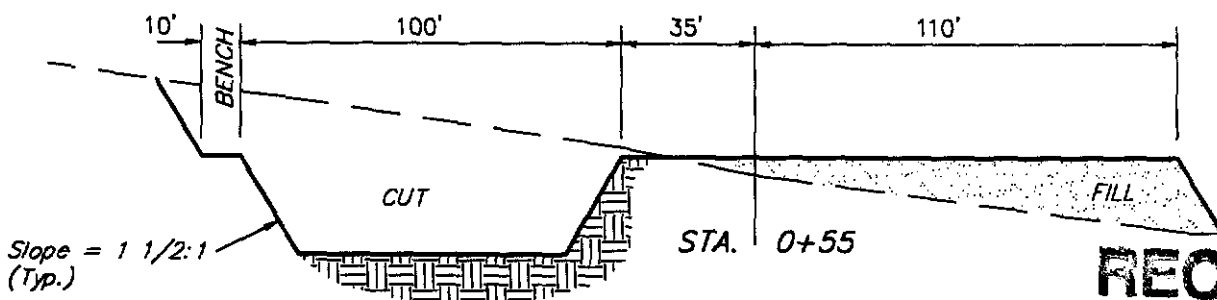
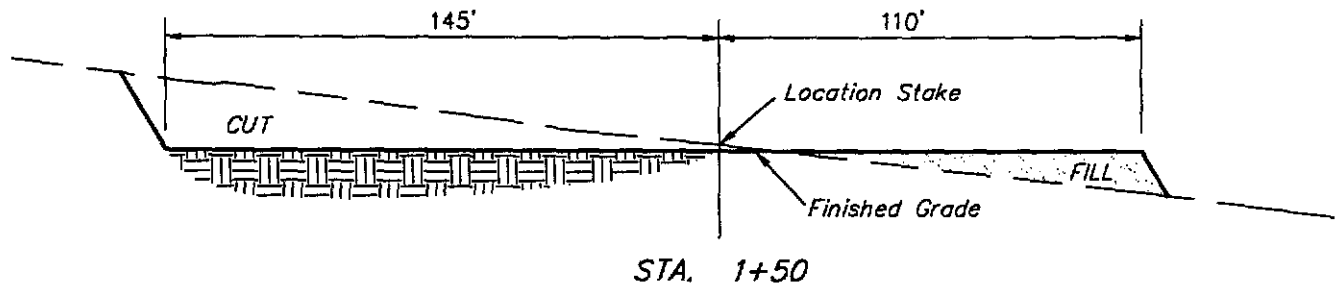
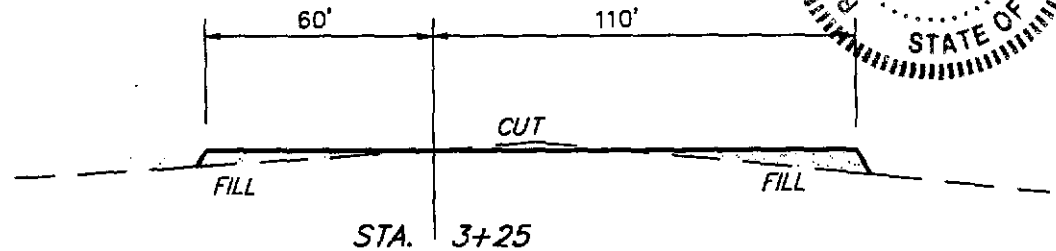
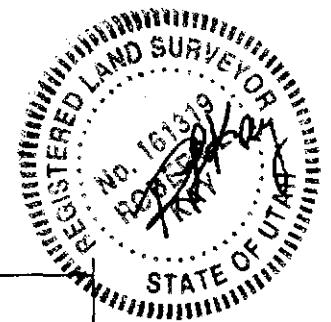
SECTION 16, T10S, R21E, S.L.B.&M.

878' FSL 1765' FEL

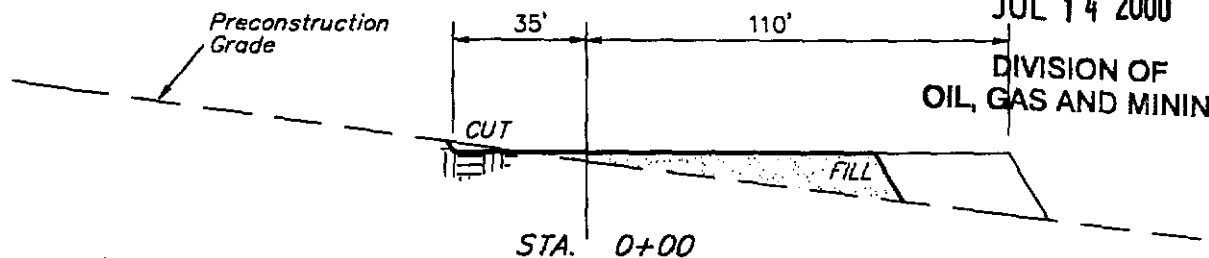


DATE: 09-22-98

Drawn By: D.R.B.



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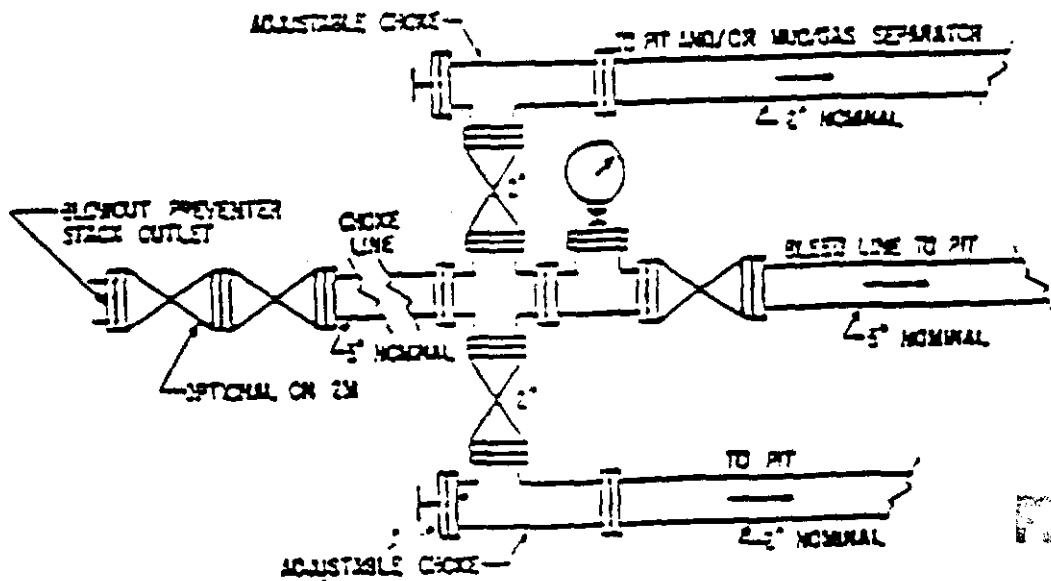
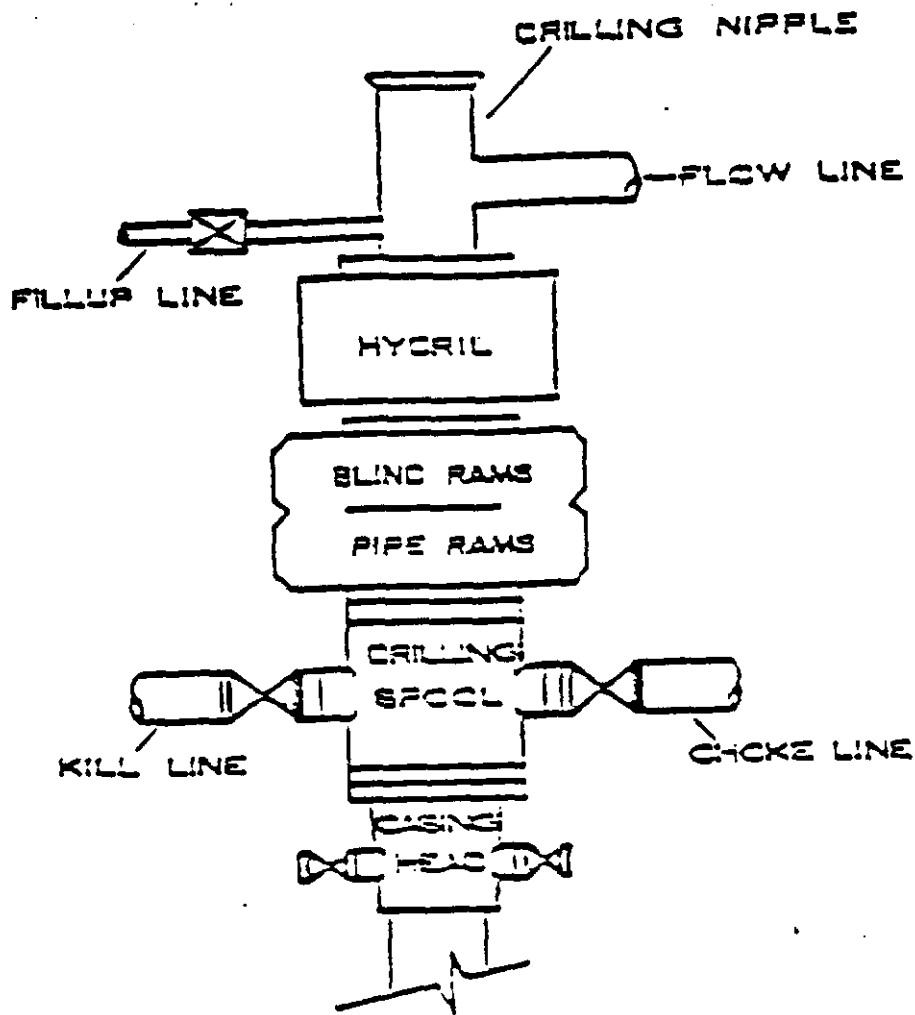
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OIL, GAS AND MINING

### FIGURE #2

#### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,140 Cu. Yds.
Remaining Location	= 5,410 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,550 CU.YDS.</b>
<b>FILL</b>	<b>= 3,870 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,480 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,480 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

EOF STACK

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COMPANY NAME	Coastal Oil & Gas Corporation	DATE	7/11/00
WELL NAME	<b>CIGE #247</b>	TD	6,000' MD/TVD
FIELD	NBU	COUNTY	Uintah
		STATE	Utah
		ELEVATION	5,235'
			KB
SURFACE LOCATION	878' FSL & 1,765' FEL, Section 16 T10S-R21E		BHL
OBJECTIVE ZONE(S)	Wasatch		Straight Hole
ADDITIONAL INFO			

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CASING PROGRAM

	DESIGN FACTORS							
	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2950	1730	263000
SURFACE	8-5/8"	0-250'	24#	K-55	STC	21.03	14.79	4.70
						5350	4960	180000
PRODUCTION*	4-1/2"	0-TD	11.6#	K-55	LTC	2.53	1.59	1.51

- 1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
- 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
- 3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 8-5/8" shoe = 13.0 ppg, Max Pore Pressure = 9.0 ppg EMW)
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing, 50,000 lbs overpull)

CEMENT PROGRAM

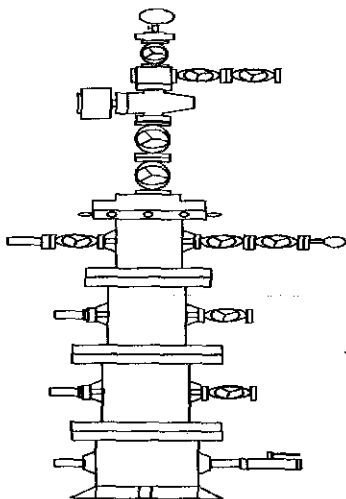
	FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE	250	Class G + 2% CaCl <sub>2</sub> + 0.25 lb/sk Cello Flake	90	35%	15.80	1.17
PRODUCTION	LEAD 4200	Premium Lite II + 3 lb/sk CSE + 0.5% Sodium Metasilicate + 10% Gel + 0.25 lb/sk Cello Flake + 3% Salt + 3 lb/sk Kol Seal	480	75%	11.00	3.44
	TAIL 1800	50/50 POZ + 0.1% R-3 + 1% EC-1 + 0.2% Sodium Metasilicate + 2% Gel + 0.5% FL-25 + 3% Salt	510	50%	14.5	1.23

\* or 15% over caliper log

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, float collar. Centralize first 3 joints & every other joint to surface with bow spring centralizers. Thread lock FE up to & including pin end of FC.
PRODUCTION	Guide shoe, 1 jt, float collar. Centralize first 3 joints & every other joint to top of tail cement with bow spring centralizers.

WELLHEAD EQUIPMENT



TREE	2-1/16" 5M
TUBING HEAD	11" 3M X 7-1/16" 5M
CASING SPOOL	
CASING SPOOL	
CASING HEAD	8-5/8" SOW X 11" 3M

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COASTAL OIL & GAS CORPORATION  
DRILLING PROGRAM

BIT PROGRAM

ROCK BIT & PDC BIT PROGRAM

INTERVAL	LE	BIT MFG & MODEL	GPM	SER.	NZLS	COMMENTS
Surface Hole	11"	Various				
Surf Csg - TD	7-7/8"	F4 or F-45H	Air/Mist	New	16-16-16	
If 2nd bit is required	7-7/8"	PDC	350-300	Rental	0.5 sqin TFA	No air if circulation possible
		(3/4" cutters, 5 or 6 blades)				(mud motor if circ. poss.)

7-7/8" F-45H: Run 50,000# WOB (app. 25 DC's) & turn rotary at +/- 70 RPM.

Run PDC bit if primary bit fails to reach TD.

7-7/8" PDC: Run 10,000-25,000 # WOB & turn rotary at 50 - 80 RPM.

Nozzle down PDC to 0.5 sqin TFA.

**GEOLOGICAL DATA**

**LOGGING:**

Depth	Log Type
	No Open Hole Logs

**MUD LOGGER:** 4,000' - TD only if required by Geology

**SAMPLES:** As per Geology

**CORING:** NA

**DST:** NA

**MUD PROGRAM**

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-Trona (0 - +/-2,000')	Air/Mist	NA	NA		Polymer, Gyp
Trona-TD (+/- 2,000' - TD)	Aerated Water	NA	NC	NA	Polymer, Gyp

Circulate hole until clean @ TD. Spot viscosified brine pill at TD for casing. Minimize corrosion chemicals.

**ADDITIONAL INFORMATION**

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco survey every 1,500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

**PROJECT ENGINEER:** \_\_\_\_\_  
Blaine Yeary

**PROJECT MANAGER:** \_\_\_\_\_  
Ben Clark

**DATE:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

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MONTGOMERY  
ARCHAEOLOGICAL  
CONSULTANTS

Box 147, 322 East 100 South, Moab, Utah 84532 (435) 259-5764 Fax (435) 259-5608

December 17, 1998

DENVER DISTRICT - E & S

Ms. Sheila Bremer  
Coastal Oil & Gas Corporation  
Box 749  
Denver, CO 80201-0749

DEC 21 1998

BLC \_\_\_\_\_ RAD \_\_\_\_\_ SCP \_\_\_\_\_ CEL \_\_\_\_\_  
SAB 10 JRN \_\_\_\_\_ MDE \_\_\_\_\_ LPS \_\_\_\_\_

XC: DRG  
RUL

Dear Ms. Bremer:

Enclosed please find the report entitled "Cultural Resource Inventories of CIGE 247, NBU 345, and NBU 348 Well Locations, Access Road, and Pipeline, Uintah County, Utah." This inventory resulted in no cultural resources. Based on the findings, a determination of "no effect" is recommended pursuant to Section 106, CFR 800 for this undertaking.

Copies of the report have been sent to the appropriate agencies. If you have any comments and questions, please call me. Happy Holidays!

Sincerely,

Keith R. Montgomery  
Principal Investigator

cc: James Dykmann, Compliance Archaeologist, Utah SHPO

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DIVISION OF  
OIL, GAS AND MINING

CULTURAL RESOURCE INVENTORIES OF  
CIGE 247, NBU 345 AND NBU 348 WELL LOCATIONS  
ACCESS ROAD AND PIPELINE  
UINTAH COUNTY, UTAH

by

Keith R. Montgomery

Prepared For:

State of Utah

Prepared Under Contract With:

Coastal Oil & Gas Corporation  
P.O. Box 749  
Denver, Colorado 80201

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

December 17, 1998

United States Department of Interior (FLPMA)  
Permit No. 98-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-98-MQ-0715s

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## INTRODUCTION

Cultural resource inventories were conducted by Montgomery Archaeological Consultants in November 1998, for Coastal Oil & Gas Corporation's proposed well locations CIGE 247, NBU 345, and NBU 348. The project area is located in the Natural Buttes gas field, in northeastern Utah, Uintah County, Utah. The survey was implemented at the request of Sheila Bremer, Coastal Oil & Gas Corporation, Denver, Colorado. The inventory area is situated on State of Utah

The objective of the inventories were to locate, document, and evaluate any cultural resources and within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventories were implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and Utah State Antiquities Act of 1973 (amended 1990).

The archaeological fieldwork was performed by Keith R. Montgomery, Principal Investigator for Montgomery Archaeological Consultants on November 25, 1998, under the auspices of U.S.D.I. (FLPMA) Permit No. 98-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-98-MQ-0715s.

A file search for previous archaeological inventories and documented cultural resources was conducted by the author in August 1998 for the Coastal Oil and Gas 1999 Drilling Program at the Division of State History, Antiquities Section, Salt Lake City. This consultation indicated that several archaeological projects have been completed in the project area. In the vicinity of proposed CIGE 247 two projects have been completed. In 1990, an archaeological survey was conducted for the Book Cliffs Highway by AERC (Hauck and Hadden 1990). In 1995, an alternate route for the Glen Bench Road was surveyed by AERC (Hauck and Hadden 1995). In the area of NBU 345 two surveys have been conducted. In 1994, Metcalf Archaeological Consultants inventoried Well Location CIGE 186-35-9-22 for Coastal Oil & Gas Corporation (Spath 1994). In 1996, a Class III inventory was completed by Metcalf Archaeological Consultants for Coastal Oil & Gas Corporation (Spath 1996). One inventory was conducted in the area of NBU 348 by Brigham Young University for the Tosco Sand Wash Shale Oil Plant (Nielson 1981). The records search indicated that no archaeological sites have been documented in the immediate project area.

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## DESCRIPTION OF PROJECT AREA

The project area is situated approximately 13 miles southeast of the town of Ouray, Uintah County, Utah. It lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). Specifically, the inventory area is situated in an area of broad erosional benches, buttes, and ridges dissected by drainages. The geology consists of the Early Tertiary age Uintah formation composed of thin-bedded flood plain deposits which overlays the Duchesne formations characterized by river-deposited conglomerate, sandstone, and fine-grained rocks. The nearest permanent water source is the White River located on the east side of the project area. Major intermittent drainages which dissect the area include Sand Wash, Cottonwood Wash, and Bitter Creek. The elevation of the project area averages 5240 feet a.s.l. Vegetation cover is an Upper Sonoran desert shrub community which includes shadscale, sagebrush, greasewood, snakeweed, prickly pear cactus, Russian thistle, and blue gamma. Modern disturbances to the landscape includes roads, well locations, and pipelines mainly associated with oil/gas exploration.

The inventory area consists of three proposed well locations, an access road and pipeline. Proposed CIGE 247 is situated along the edge of a broad ridge just east of Cottonwood Wash (Figure 1). Proposed NBU 345 is located on the northeast end of East Bench slightly west of Bitter Creek (Figure 2). Proposed NBU 348 occurs on the north end of Archy Bench between Bitter Creek and the White River (Figure 2). The legal description is T 10S, R 21E, S. 10 and 16 and T 10S, R 22E S. 11 and 14 (Table 1).

Table 1. Coastal Oil & Gas Corporations Well Location Descriptions

Well Number	Legal Location	Location at Surface	Access Road Pipeline	Cultural Resources
CIGE 247	T10S R21E S.16 SW/SE	878' FSL 1765' FEL	Access 150' Pipeline 3600'	None
NBU 345	T10S R21E S.10 SW/NE	1524' FNL 2539' FEL	In 10 Acre	None
NBU 348	T10S R22E S.11 & 14	231' FSL 1256' FWL	In 10 Acre	None

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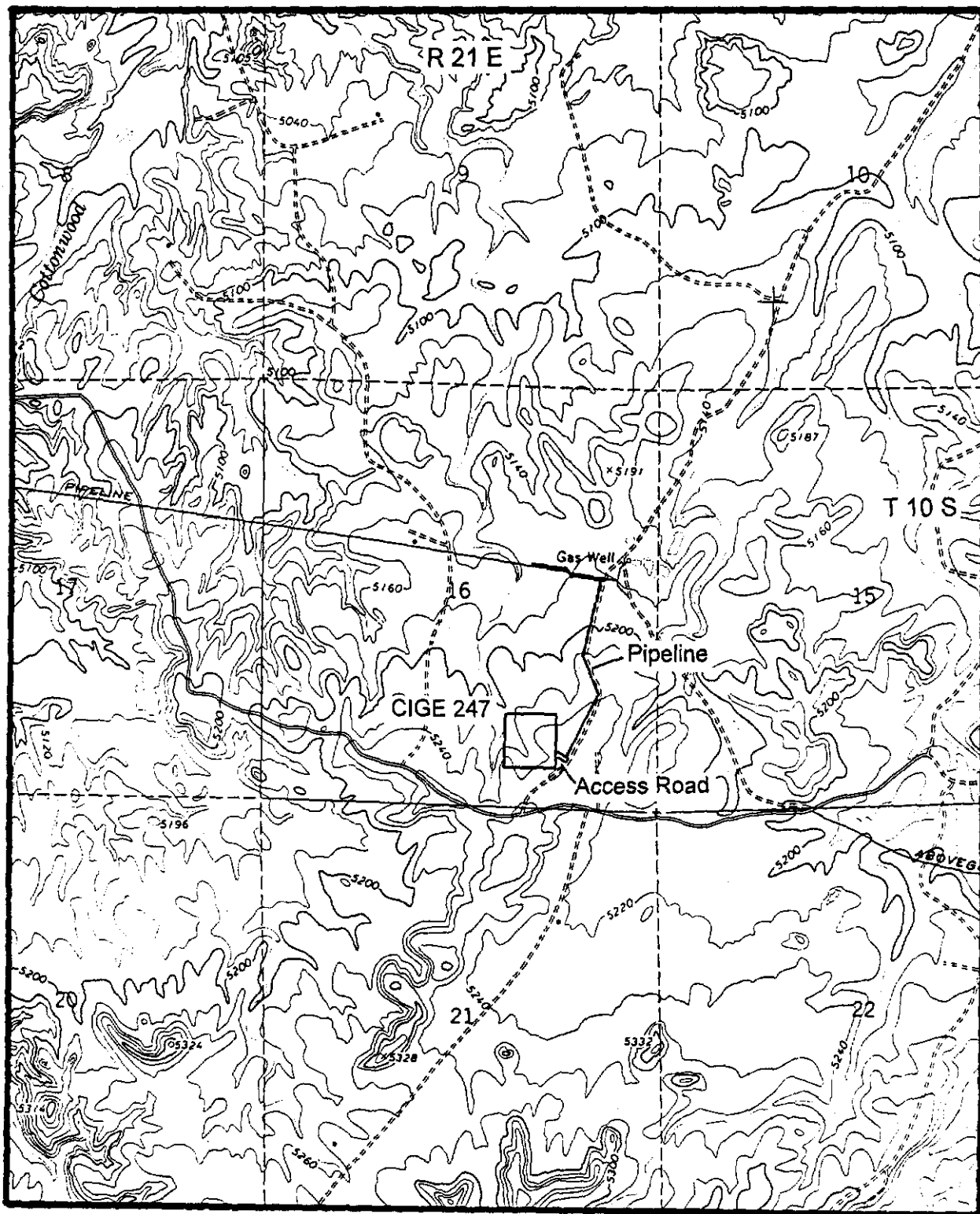


Figure 1. Inventory Area of Coastal Oil and Gas Corporation's Proposed Well Location CIGE 247, Access Road and Pipeline, Uintah County, UT. USGS 7.5' Big Pack Min. NE UT 1968. Scale 1:24000.

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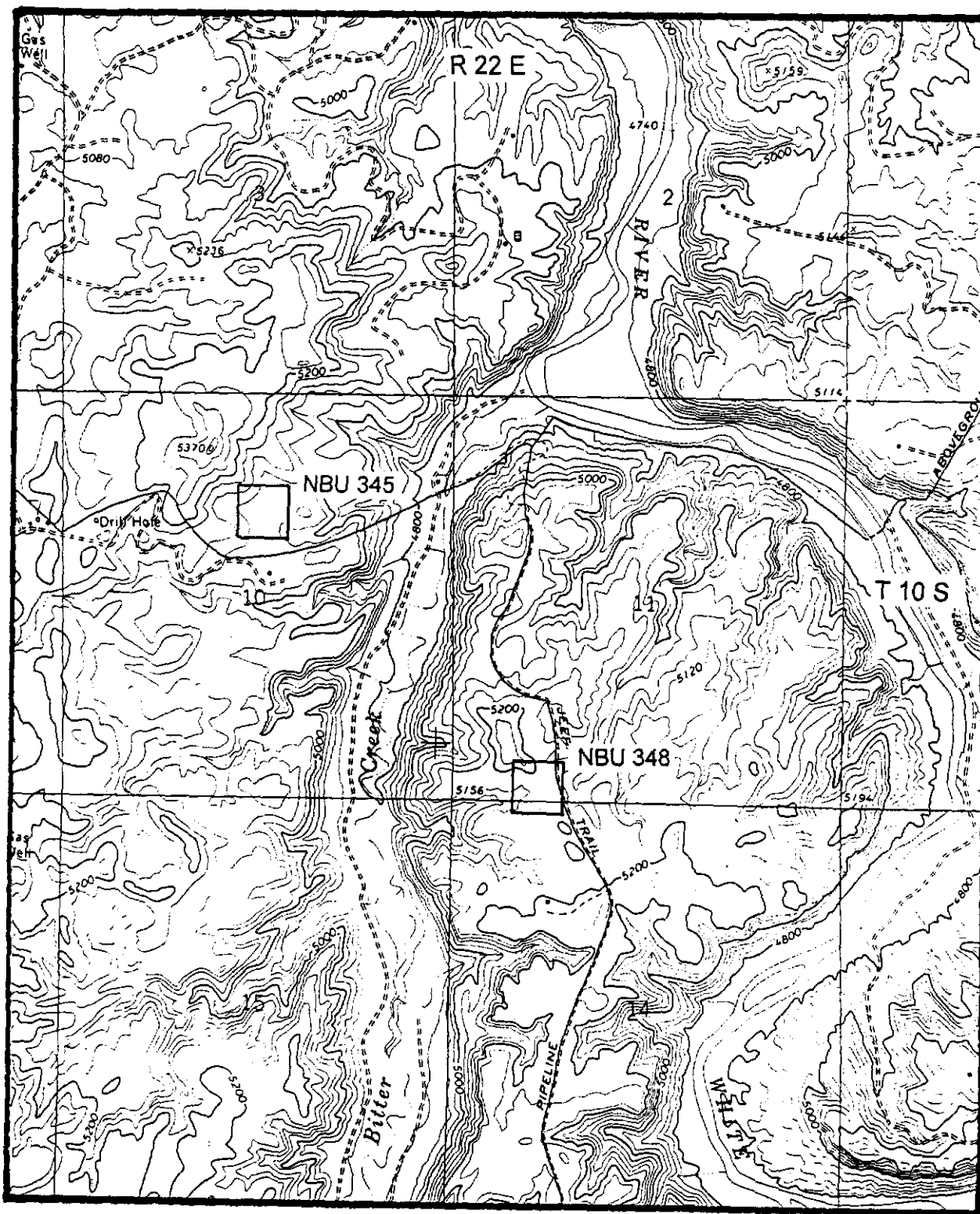


Figure 2. Inventory Area of Coastal Oil and Gas Corporation's Well Locations NBU 345 and NBU 348, Uintah County, UT. USGS 7.5' Archy Bench, UT 1968. Scale 1:24,000.

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## SURVEY METHODOLOGY

An intensive pedestrian survey was performed by the author for this project which is considered 100% coverage. At each of the three proposed well locations, a 10 acre square was defined, centered on the well pad center stake. The interiors of the well locations were examined for cultural resources by the archaeologist walking parallel transects spaced no more than 10 meters (30 feet) apart. The access road and pipeline corridor for CIGE 247 were surveyed to a 100 foot width by the archaeologist walking parallel transects along the staked centerline, spaced no more than 10 meters (30 feet) apart. Ground visibility was considered good. A total of 38.6 acres was surveyed for this inventory.

## RESULTS AND RECOMMENDATIONS

The inventory of Coastal Oil & Gas Corporation's proposed three well locations, access road, and pipeline corridor resulted in no cultural or paleontological resources. Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

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OIL, GAS AND MINING

## REFERENCES CITED

Hauck F.R., and Glade Hadden

1990 Archaeological Evaluation of Several Proposed Book Cliffs Highway Routes, Uintah and Grand Counties, Utah. Archeological-Environmental Research Corporation, Bountiful, UT. Report No. 90-AF-113.

1995 Cultural Resource Evaluation of a Proposed Alternate Route Segment for the Glen Bench Road in the White River Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Bountiful, UT. Report No. 95-AF-307.

Nielson, Asa

1981 Cultural Resource Inventory of TOSCO Corporation's Sand Wash Shale Oil Plant Inventory, Uintah County, Utah. Brigham Young University, Cultural Resource Management Services, Provo, UT. Report No. 81-BC-721.

Spath, Carl

1994 Class III Inventory of Coastal Oil and Gas Corporation's CIGE 186-35-9-22 Well Pad and Access Road, Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Report No. 94-MM-649.

1996 Class III Inventory of Coastal Oil and Gas Corporation's NBU 239, NBU 240, and NBU 242 Well Pads, Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Report No. 94-MM-644.

Stokes, William L.

1986 Geology of Utah. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

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DIVISION OF  
OIL, GAS AND MINING



Sent by fax to: (801) 359-3940

July 21, 2000

State of Utah  
Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 12010  
Salt Lake City, UT 84180

Attention Ms. Lisha Cordova

RE: CIGE 247  
SW $\frac{1}{4}$ SE $\frac{1}{4}$  Section 16, T10S-R21E  
Uintah County, Utah

Dear Ms. Cordova:

The location for the CIGE 247 well to be drilled in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  Section 16, T10S-R21E, Uintah County, Utah, is 878 feet from the south line and 1,765 feet from the east line of said Section 16. This location is not within 460 feet from the boundary of the Natural Buttes Unit, nor is it within 460 feet of any non-committed tract lying within the boundaries of the Unit.

We respectfully request that the above stated location be approved for drilling by the Division of Oil, Gas & Mining.

Very truly yours,

Donald H. Spicer  
Senior Landman

cc: Cheryl Cameron  
Joel Degenstein / well file  
Len Miles

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
COASTAL TOWER • NINE GREENWAY PLAZA • HOUSTON TX 77046-0995 • 713/877-1400

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**DIVISION OF  
OIL, GAS AND MINING**

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/14/2000

API NO. ASSIGNED: 43-047-33639

WELL NAME: CIGE 247

OPERATOR: COASTAL OIL & GAS CORP ( N0230 )

CONTACT: CHERYL CAMERON

PHONE NUMBER: 435-781-7023

**PROPOSED LOCATION:**

SWSE 16 100S 210E

SURFACE: 0878 FSL 1765 FEL

BOTTOM: 0878 FSL 1765 FEL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 3-*State*

LEASE NUMBER: ML-10755

SURFACE OWNER: 3-*State*

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	<i>RSK</i>	<i>8-9-00</i>
Geology		
Surface		

**RECEIVED AND/OR REVIEWED:**

☒ Plat  
☒ Bond: Fed[] Ind[] Sta[3] Fee[]  
(No. 10 21 03 )

☒ Potash (Y/N)  
☒ Oil Shale (Y/N) \*190 - 5 (B)

☒ Water Permit  
(No. 43-8496 )

☒ RDCC Review (Y/N)  
(Date: )

☒ Fee Surf Agreement (Y/N)

**LOCATION AND SITING:**

R649-2-3. Unit *Natural Buttes*

R649-3-2. General

Siting:

R649-3-3. Exception

☒ Drilling Unit

Board Cause No: *173-14*

Eff Date: *12-2-99*

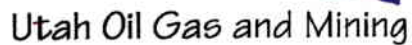
Siting: *460' to Unit Boundary & Uncomm. Tract.*

R649-3-11. Directional Drill

COMMENTS: *Need Preside (7/26/00)*

STIPULATIONS: *① oil shale*  
*② STATEMENT OF BASIS*





COUNTY: UINTAH UNIT: NATURAL BUTTES  
CAUSE 173-14



**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

Operator Name: COASTAL OIL & GAS CORP.

Well Name & Number: CIGE 247-16-10-21

API Number: 43-047-33639

Location: 1/4, 1/4 SW/SE Sec. 16 T. 10S R. 21E

**Geology/Ground Water:**

Coastal proposes to set 250' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at 5,000'. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the center of section 16. This well is approximately 6,000 feet from the proposed location and should not be influenced by the proposed well. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed surface casing should adequately protect any underground sources of useable water.

Reviewer: Brad Hill

Date: 8/1/2000

**Surface:**

The pre-drill investigation of the surface was performed on 7/26/2000. Surface owner is State of Utah. SITLA was notified of this investigation on 7/18/2000. They did not have a representative present. This site is not a legal location per general state siting rule. This site appears to be the best spot for a location in the immediate area. COGC requests an exception location.

Reviewer: David W. Hackford

Date: 7/28/2000

**Conditions of Approval/Application for Permit to Drill:**

None.



**WASTE MANAGEMENT PLAN:**

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

**ENVIRONMENTAL PARAMETERS:**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, GREASEWOOD, PRICKLY PEAR, SALT BRUSH, SHADSCALE; RODENTS, COYOTES, SONGBIRDS, RAPTORS, PRONGHORN.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

**RESERVE PIT:**

CHARACTERISTICS: 100' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached):  
A LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

**SURFACE RESTORATION/RECLAMATION PLAN:**

AS PER S.I.T.L.A.

**SURFACE AGREEMENT: AS PER S.I.T.L.A.**

**CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY ARCHAEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.**

OTHER OBSERVATIONS/COMMENTS:

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A HOT SUMMER DAY.

ATTACHMENTS:

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD  
DOGM REPRESENTATIVE

7/26/00- 9:30 AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
<b>Distance to Groundwater (feet)</b>		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
<b>Distance to Surf. Water (feet)</b>		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
<b>Distance to Nearest Municipal Well (feet)</b>		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
<b>Distance to Other Wells (feet)</b>		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
<b>Native Soil Type</b>		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</u>
<b>Fluid Type</b>		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
<b>Drill Cuttings</b>		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
<b>Annual Precipitation (inches)</b>		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
<b>Affected Populations</b>		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
<b>Presence of Nearby Utility</b>		
<b>Conduits</b>		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
<b>Final Score</b>		<u>10</u>

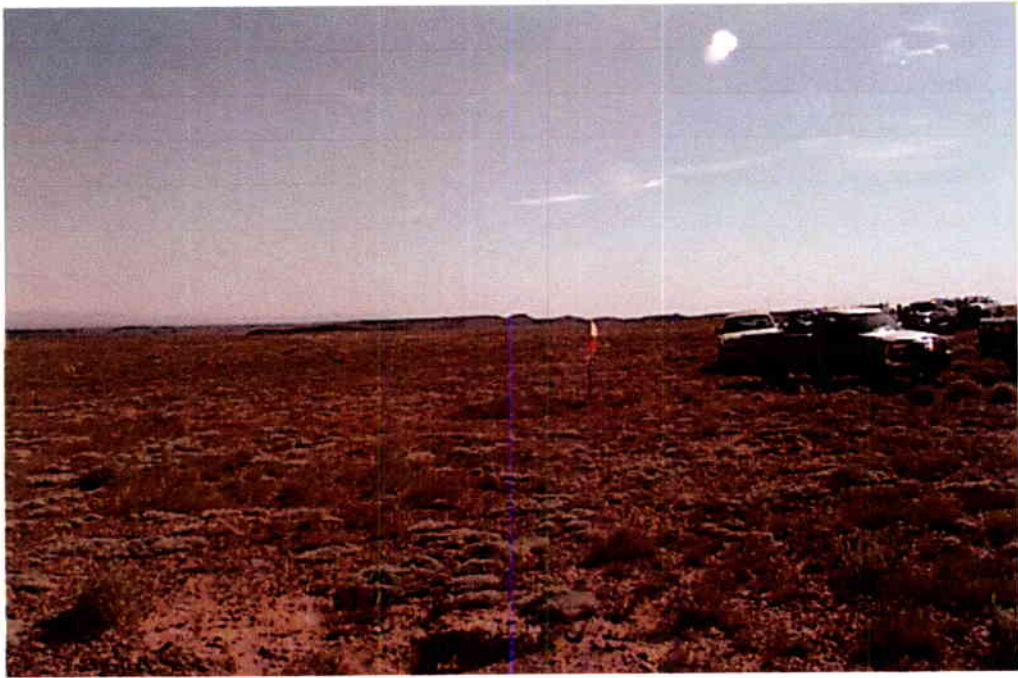






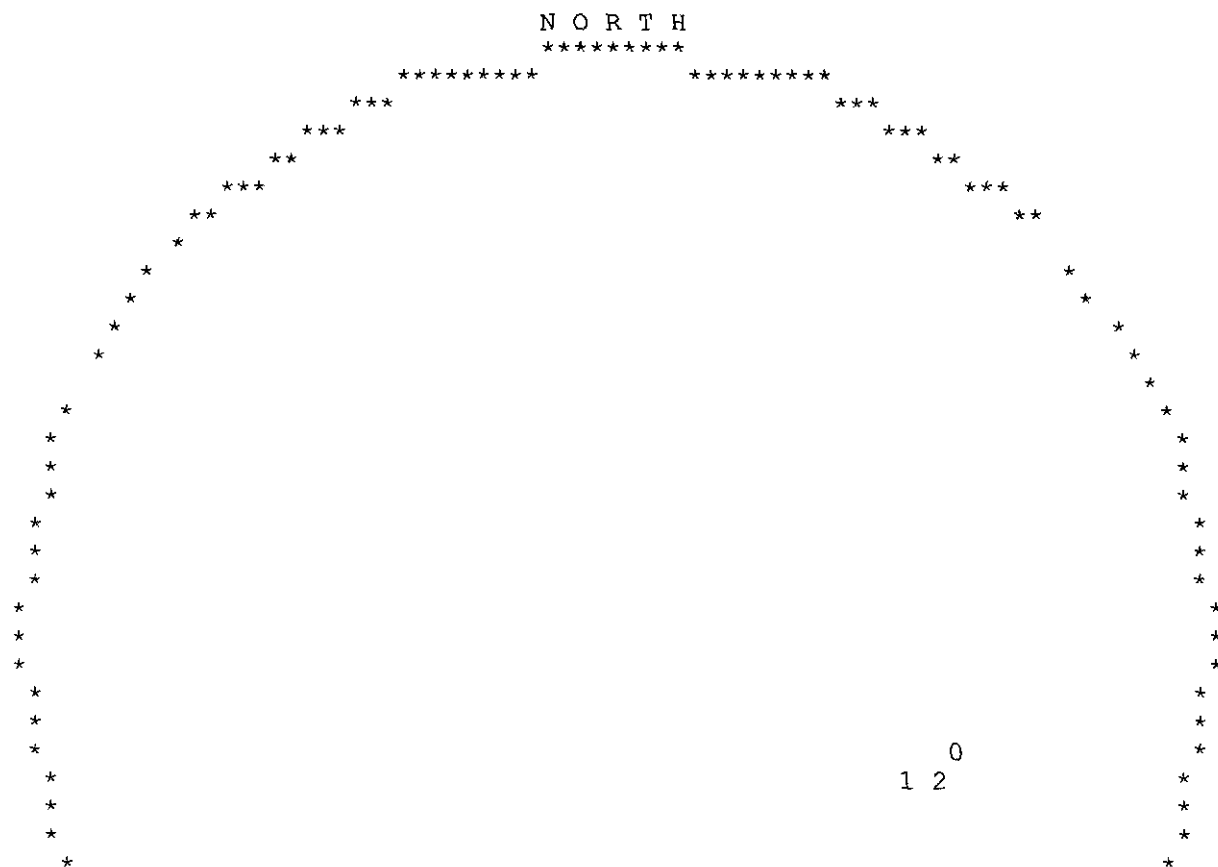


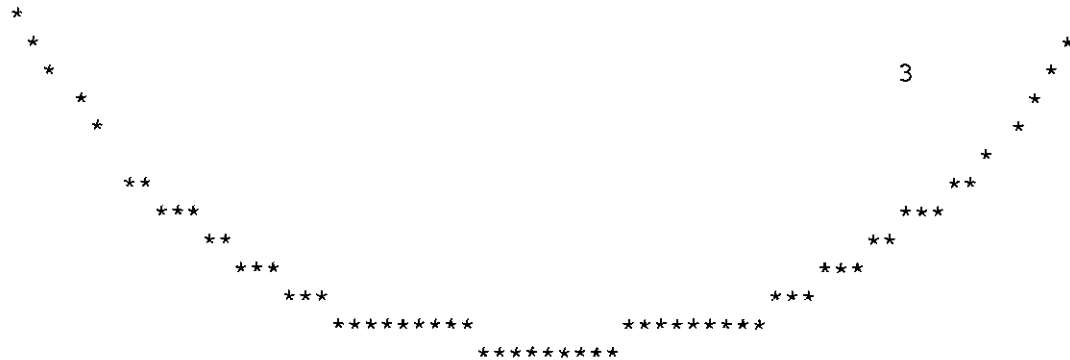




WATER RIGHT POINT OF DIVERSION PLOT CREATED TUE, AUG 1, 2000, 11:38 AM  
PLOT SHOWS LOCATION OF 6 POINTS OF DIVERSION

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET





UTAH DIVISION OF WATER RIGHTS  
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH EAST CNR SEC TWN RNG B&M
0	49 614	.0000	.25	Bitter Creek Gas Field Res. #1	S 1900 E 300 NW 15 10S 21E SL
	WATER USE(S): STOCKWATERING OTHER				PRIORITY DATE: 00/00/186
	USA Bureau of Land Management			2370 South 2300 West	Salt Lake City
1	49 986	.0150	.00	Underground Water Well	S 2200 W 400 NE 16 10S 21E SL
	WATER USE(S): OTHER				PRIORITY DATE: 03/09/198
	Curry Leasing			P.O. Box 227	Altamont,
1	49 991	.0150	.00	Underground Water Well	S 2200 W 400 NE 16 10S 21E SL
	WATER USE(S): OTHER				PRIORITY DATE: 03/30/198
	Target Trucking Inc.			1409 South 1500 East	Vernal
1	49 1399	.0150	.00	8	S 2200 W 400 NE 16 10S 21E SL
	WATER USE(S): OTHER				PRIORITY DATE: 08/15/198
	Dalbo Incorporated			355 So. 1000 East	Vernal
2	49 615	.0000	.25	Bitter Creek Field Reservoir #	S 2200 E 100 NW 15 10S 21E SL

WATER USE(S): STOCKWATERING OTHER  
USA Bureau of Land Management

2370 South 2300 West

PRIORITY DATE: 00/00/186  
Salt Lake City

3 49 616 .0000

.25 Bitter Creek Gas Field Res. #3 N 100 E 700 SW 15 10S 21E SL

WATER USE(S): STOCKWATERING OTHER  
USA Bureau of Land Management

2370 South 2300 West

PRIORITY DATE: 00/00/186  
Salt Lake City

---

Well name:	<b>8-00 Coastal CIGE #247</b>	
Operator:	<b>Coastal</b>	Project ID:
String type:	<b>Surface</b>	<b>43-047-33053</b>
Location:	<b>Uintah County</b>	

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 78 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: -3,281 psi  
Internal gradient: 13.558 psi/ft  
Calculated BHP 108 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 219 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 7,500 ft  
Next mud weight: 9.000 ppg  
Next setting BHP: 3,506 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 7,500 ft  
Injection pressure 7,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	250	8.625	24.00	K-55	ST&C	250	250	7.972	2096
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	108	1370	12.66	108	2950	27.27	5	263	50.10 J

Prepared RJK  
by: Utah Dept. of Natural Resources

Date: August 9,2000  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 250 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.  
In addition, burst strength is biaxially adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:		<b>8-00 Coastal CIGE #247</b>	
Operator:	<b>Coastal</b>	Project ID:	
String type:	<b>Production</b>	43-047-33053	
Location:	<b>Uintah County</b>		

**Design parameters:**

**Collapse**

Mud weight: 9.500 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 159 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 5,100 ft

**Burst**

Max anticipated surface pressure: 2,241 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 2,961 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 5,148 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	6000	4.5	11.60	K-55	LT&C	6000	6000	3.875	26158
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2961	4960	1.68	2961	5350	1.81	60	180	3.01 J

Prepared RJK  
by: Utah Dept. of Natural Resources

Date: August 9,2000  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

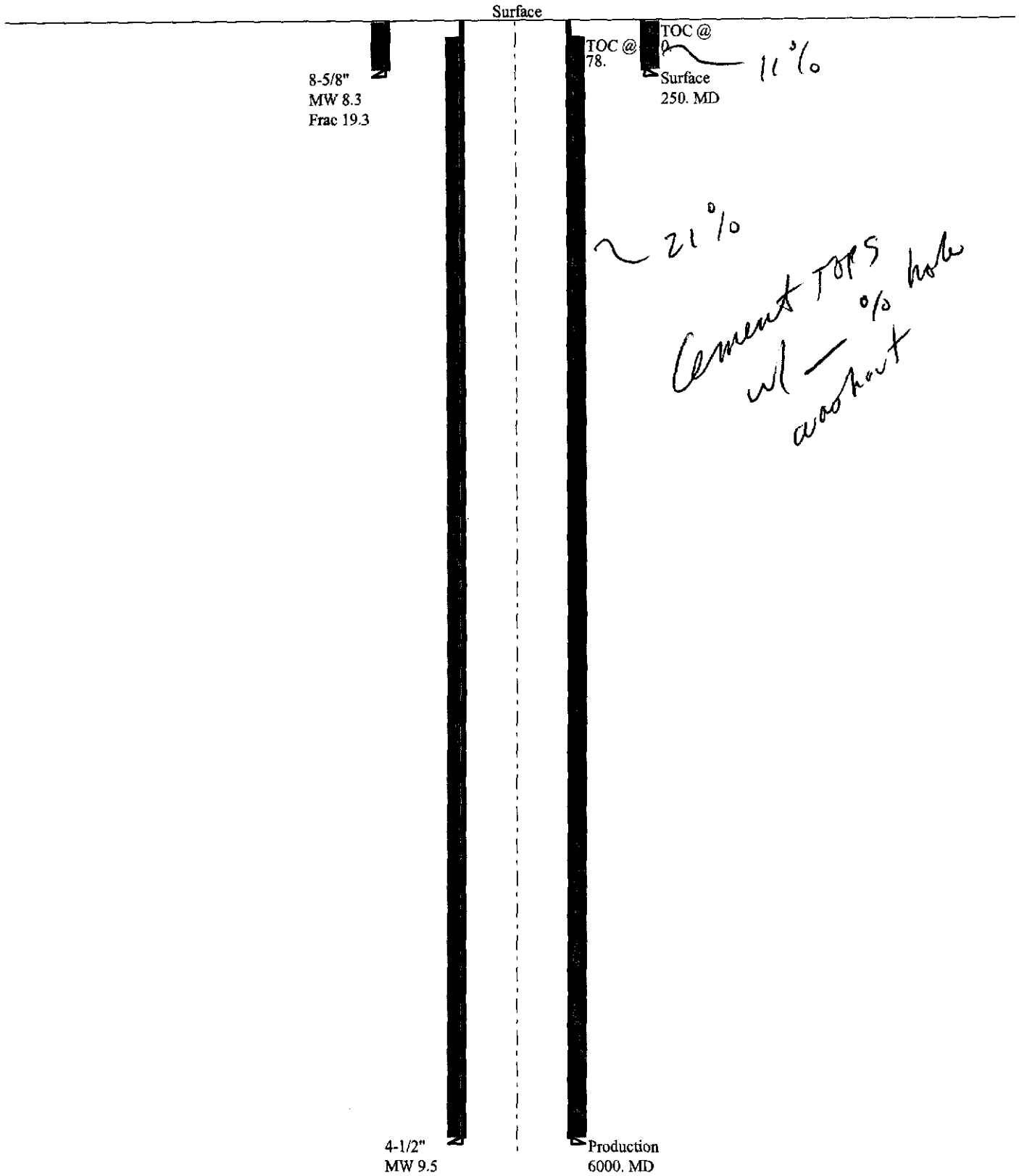
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 6000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
In addition, burst strength is biaxially adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*



# 8-00 Coastal CIGE #247

## Casing Schematic





# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

August 10, 2000

Coastal Oil & Gas Corporation  
PO Box 1148  
Vernal, UT 84078

Re: CIGE 247 Well, 878' FSL, 1765' FEL, SW SE, Sec. 16, T. 10 South, R. 21 East,  
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33639.

Sincerely,

A handwritten signature in cursive script, reading 'John R. Baza'.

John R. Baza  
Associate Director

er  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal Field Office  
SITLA

Operator: Coastal Oil & Gas Corporation  
Well Name & Number CIGE 247  
API Number: 43-047-33639  
Lease: ML-10755

Location: SW SE Sec. 16 T. 10 South R. 21 East

### Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Robert Krueger at (801) 538-5274 (plugging)
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N 0230

ADDRESS P.O. Box 1148

Vernal UT 84078

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QO	SC	TP	RG	COUNTY		
B	99999	2900	43-047-33639	Cige #247	SE/SE	16	10S	21E	Uintah	8/25/00	8/25/00
WELL 1 COMMENTS:											
8-29-00 Code "A"											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Raty Dow  
Signature  
Jr. Regulatory Analyst  
Date 8/29/00  
Title  
Phone No. 435 781-7022

08-29-00 10:58am From-COASTAL OIL AND GAS DOWNSTREAMS SECRETARY 4357884436 T-613 P.02/02 F-878

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 1148, Vernal UT 84078

(435)781-7023

4. Location of Well

Footages: 878' FSL & 1765' FEL

QQ, Sec., T., R., M.: SW/SE Sec. 16, T10S, R21E

5. Lease Designation and Serial Number

ML-10755

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

Cige #247

9. API Well Number:

43-047-33639

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: UT

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Spud  |

Date of work completion 8/25/00

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU Bill Martin Drilling (Air Rig) and drilled 258' of 12 1/4" hole. Ran 254' of 8 5/8" 24# K-55 Csg. Cmt w/140 sks P-AG w/2% CaCl<sub>2</sub>, 1/4#/sk Flocele, 15.6 ppg, 1.18 yield. Drop plug. Displace w/13 Bbls H<sub>2</sub>O w/ 3 Bbls Cmt to surface. Hole stayed full

Spud @ 12:30 p.m. on 8/25/00.

**RECEIVED**

SEP 05 2000

DIVISION OF  
OIL, GAS AND MINING

13.

Name & Signature

Katy Dow

Title Jr. Regulatory Analyst

Date 8/29/00

(This space for State use only)

FORM 9

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

5. Lease Designation and Serial Number

ML-10755

6. Indian, Altonne or Tribe Name:

7. Unit Agreement Name:

Natural Buttes Unit

1. Type of Well: OIL ☐ GAS ☒ OTHER:

8. Well Name and Number:

CIGE #247

2. Name of Operator

Coastal Oil &amp; Gas Corporation

9. API Well Number:

43-047-33639

3. Address and Telephone Number.

P.O. Box 1148, Vernal UT 84078

(435) 781-7023

Natural Buttes

4. Location of Well

Footages 878' FSL &amp; 1765' FEL

County: Uintah

QQ, Sec. T., R., M.: SW/SE Sec. 16, T10S, R21E

State: UT

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                     |   |

TD Change

Approximate date work will start ImmediateSUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                     |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE IN WORDS OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well is currently approved to drill to a depth of 6500'. COGC requests to extend the TD to 6800'. Please refer to the revised drilling program.

13.

Name &amp; Signature



Title

Cheryl Cameron

Sr. Regulatory Analyst

Date 9/8/00

(This space for State use only)

COPY SENT TO OPERATOR

Date: 9-11-00

Initials: CAD

APPROVED

The Utah Division of Oil, Gas and Mining  
Robert J. Krueger, PE, Petroleum Engineer

Date: 9-8-00

(5/04)

(See Instructions on Reverse Side)

COMPANY NAME	Coastal Oil & Gas Corporation	DATE	9/8/00
WELL NAME	CIGE #247	TD	5,800' MD/TVD
FIELD	NBU	COUNTY	Uintah
		STATE	Utah
		ELEVATION	5,247' KB
SURFACE LOCATION	878' FSL & 1,766' FEL, Section 16 T10S-R21E		
OBJECTIVE ZONE(S)	Wasatch		
ADDITIONAL INFO	BHL Straight Hole		

GEOLOGICAL FORMATION			HOLE SIZE	MECHANICAL CASING SIZE	MUD WEIGHT
LOGS	TOPS	DEPTH			
		40'		14"	
			11"	9-5/8", 24#, K-55	Air
		250' MD/TVD			
		Green River @ 1,375'			
Mud Log @ Surface Casing' - TD			7-7/8"	4-1/2", 11.6#, K-55, LTC	Air Mist
Platform Express					Aerated Water
SC - TD					
		Wasatch @ 4,500'			
		6,800' MD/TVD			

## COASTAL OIL & GAS CORPORATION

### DRILLING PROGRAM

#### CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	8-5/8"	0-250'	24#	K-55	STC	2950 21.03	1370 11.71	263000 4.70
PRODUCTION*	4-1/2"	0-TD	11.6#	K-55	LTC	5350 2.18	4960 1.40	180000 1.40

- 1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
- 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
- 3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 8-5/8" shoe = 13.0 ppg, Max Pore Pressure = 9.0 ppg EMW)
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing, 50,000 lbs overpull)

#### CEMENT PROGRAM

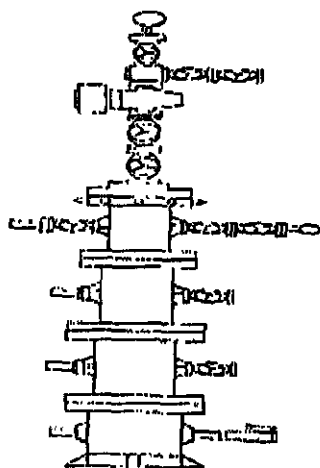
	FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE	250	Class G + 2% CaCl <sub>2</sub> + 0.25 lb/sk Cello Flake	90	38%	15.00	1.17
PRODUCTION	4200	Premium Lite II + 3 lb/sk CSE + 0.5% Sodium Metasilicate + 10% Gel + 0.25 lb/sk Cello Flake + 3% Salt + 3 lb/sk Kol Seal	650	100%	11.00	3.44
	2600	50/50 POZ + 0.1% R-3 + 1% EC-1 + 0.2% Sodium Metasilicate + 2% Gel + 0.5% FL-25 + 3% Salt	850	75%	14.5	1.23

\* or 15% over caliper log

#### FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, float collar. Centralize first 3 joints & every other joint to surface with bow spring centralizers. Thread lock FE up to & including pin end of FC.
PRODUCTION	Guide shoe, 1 jt, float collar. Centralize first 3 joints & every other joint to top of tail cement with bow spring centralizers.

#### WELLHEAD EQUIPMENT



TREE	2-1/16" 5M
TUBING HEAD	11" 3M X 7-1/16" 5M
CASING SPOOL	
CASING SPOOL	
CASING HEAD	8-5/8" SOW X 11" 3M



**COASTAL OIL & GAS CORPORATION**  
**DRILLING PROGRAM****BIT PROGRAM**

ROCK BIT & PDC BIT PROGRAM						
INTERVAL	HOLE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	11"	Various				
Surf Casg - TD	7-7/8"	SEC XS44	Air/Mist	New	16-16-16	
			Aerated			

If an additional bit is required use another insert.

**GEOLOGICAL DATA****LOGGING:**

Depth	Log Type
SC - TD	Platform Express

**MUD LOGGER:**  
**SAMPLES:**  
**CORING:**  
**DST:**SC - TD  
As per Geology  
NA  
NA**MUD PROGRAM**

DEPTH	TYPE	MUD WT	WATER		TREATMENT
			LOSS	VISCOSITY	
0-Trans (0 - +/-2,000')	Air/Mist	NA	NA		Polymer, Gel Gyp, Lime
Trans-TD (+/- 2,000' - TD)	Aerated Water	NA	NC	NA	Polymer, Gyp, Lime

Circulate hole until clean @ TD. Spot brine pill at TD for logs and casing.

**ADDITIONAL INFORMATION**

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder &amp; log sheet. Function test rams on each trip. Maintain safety valve &amp; inside BOP on rig floor at all times. Kelly to be equipped with upper &amp; lower kelly valves.

Run Totco survey every 1,500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

Treat for corrosion as per plan.

**PROJECT ENGINEER:**

Christa Yin

**DATE:****PROJECT MANAGER:**

Darrell Molnar

**DATE:**



**Coastal**  
*The Energy People*

---

**FAX COVER SHEET**

DATE: 9/8/00  
TO: Brno Hill / Bob Kreuger  
FROM: Cheryl Cameron @ FAX # 435-789-4436  
# PAGES (INCLUDING COVER): 5

If you have any problems receiving the above specified pages, please notify Coastal Oil and Gas at 435-789-4433.

---

**CONFIDENTIALITY NOTICE**

This message is intended only for the use of the individual or entity designated above, is confidential and may contain information that is legally privileged or exempt from disclosure under applicable laws. You are hereby notified that any dissemination, distribution, copying or uses of or reliance upon the information contained in and transmitted with this facsimile transmission by anyone other than the recipient designated by the sender is not authorized and strictly prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return it to the sender by U.S. Mail or destroy it if so instructed by the sender.

Thank you.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 1148, Vernal UT 84078

(435)781-7023

4. Location of Well

Footages: 878' FSL & 1765' FEL

QQ, Sec., T., R., M.: SW/SE Sec. 16, T10S, R21E

5. Lease Designation and Serial Number

ML-10755

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

CIGE #247

9. API Well Number:

43-047-33639

10. Field and Pool, or Wildcat

Natural Buttes

County: Uintah

State: UT

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Drilling Summary                              |

Date of work completion 9/13/00

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Finished drilling from 254' to 6,710' and ran 8,625' of 4 1/2" 11.6# K-55 Csg. Cmt w/ 150 sks Prem. Lite II 10% Gel w/adds, 10.5 ppg, 4.08 yield plus 440 sks Prem. Lite II 10% Gel w/adds, 11.0 ppg, 3.31 yield. Plus 1100 sks 50/50 Poz 2% Gel w/adds, 14.5 ppfg, 1.22 yield. Displace w/103 Bbls H2O. Bump plug. Clean pits.

Release rig @ 12:00 Midnight on 9/13/00

13. *Kd Cheryl Cameron*  
Name & Signature \_\_\_\_\_ Title Sr. Regulatory Analyst

Date 9/14/00

(This space for State use only)

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DIVISION OF  
OIL, GAS AND MINING

STATE OF UTAH

## DIVISION OF OIL, GAS AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Coastal Oil &amp; Gas Corporation

3. ADDRESS OF OPERATOR

P.O. Box 1148, Vernal UT 84078

(435)781-7023

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

SW/SE

At top prod. interval reported below

878' FSL &amp; 1765' FEL

At total depth

14. APINO.

DATE ISSUED

43-047-33639

8/10/00

5. LEASE DESIGNATION AND SERIAL NO.

ML-10755

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Natural Buttes Unit

8. FARM OR LEASE NAME

Cige #247

9. WELL NO.

43-047-33639

10. FIELD AND POOL, OR WILDCAT

Nautral Buttes

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 16-T10S-R21E

12. COUNTY

Uintah County

13. STATE

Utah

15. DATE SPUDDED

8/25/00

16. DATE T.D. REACHED

9/13/00

17. DATE COMPL.

9/21/00

(Ready to prod.)

or  
(Plug & Abd.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

5234.6' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

6710'

21. PLUG, BACK T.D., MD &amp; TVD

6685'

22. IF MULTIPLE COMPL., HOW MANY

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)

25. WAS DIRECTIONAL SURVEY MADE

Refer to additional page.

26. TYPE ELECTRIC AND OTHER LOGS RUN

DL (1 + 2 mi) - 9-13-00 50/05.11 - 9-13-00

CBL/CCL/GR, 9-19-00 Comdex Lithology (CL) 9-13-00

Was Well Cored

YES ☐ NO ☒

(Submit analysis)

Drill System Test

YES ☐ NO ☒

(See reverse side)

29. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8" K-55	24#	253'	12 1/4"	140 P-AG W/2% CaCl <sub>2</sub>	
4 1/2" K-55	11.6#	6710'	7 7/8"	150 Premlite II 10%Gel+Adds	
				440 Premlite II 10%Gel+Adds	
				1100 50/50 POZ	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6275.62'	

31. PERFORATION RECORD (Interval, size and number)

Refer to additional page.

32. ACID, SHOT, FRACTURE, CEMENT SCHEDULE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND TYPE OF MATERIAL USED

Refer to

additional

page.

NOV 30 2000

DIVISION OF  
OIL, GAS AND MINING

33. PRODUCTION

DATE FIRST PRODUCTION

9/21/00

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

9/24/00

HOURS TESTED

24

CHOKE SIZE

25/64

PROD'N. FOR TEST PERIOD

OIL - BBL

GAS - MCF

WATER - BBL

GAS - OIL RATIO

1470

207

FLOW. TUBING PRESS.

430#

CASING PRESSURE

800#

CALCULATED 24-HOUR RATE

OIL - BBL

GAS - MCF

WATER - BBL

OIL GRAVITY - API (CORR.)

1470

207

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold used for fuel.

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Cheryl Cameron

SIGNED

TITLE Sr. Regulatory Analyst

DATE 10/23/00

See Spaces for Additional Data on Reverse Side

# INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details for any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

## 37. SUMMARY OF POROUS ZONES:

Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

Formation	Top	Bottom	Description, contents, etc.	38. GEOLOGIC MARKERS		
				Name	Meas. Depth	True Vert. Depth
Green River	1375'	4442'				
Wasatch	4442'					

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DIVISION OF  
OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG -

Lease Serial No. ML-10755

CIGE #247  
API #43-047-33639

Item #24:

Wasatch;

6288'-6296', 6122'-6124', 6105'-6107', 5920'-5928', 5726'-5734', 5481'-5491', 5088'-5092', 5039'-5042',  
5023'-5025', 4822'-4828', 4660'-4666'.

Item:31:

Wasatch: 6288'-6296' 4 SPF, 6122'-6124' 4 SPF 8 holes, 6105'-6107' 4 SPF 8 holes, 5920'-5928' 4  
SPF 32 holes, 5726'-5734' 4SPF 32 holes, 5481'-5491' 4SPF 40 holes, 5088'-5092' 4 SPF 16 holes,  
5039'-5042' 4SPF 12 holes, &: 5023'-5025' 4SPF 8 holes, 4822'-4828' 4SPF 24 holes, 4660'-4666'  
4 SPF 24 holes:

Item #32"

Stage #1:

6288'-6296' W/40,200# 20/40 SD W/Prop Net in last 10% SD & 454 Bbls YF 117 St Liquid/Gel.

Stage #2: 6105'-6124' 26,000# 20/40 SD W/10% SD 333 Bbls YF 117 St Liquid/Gel.

Stage #3: 5920'-5928' 40,000# 20/40 SD W/10% Prop Net in SD & 440 Bbls YF 117 St Liquid/Gel.

Stage #4: 5726'-5734' 40,000# 20/40 SD W/10% Prop Net in last 10 & 445 Bbls YF 117 ST

Liquid/Gel

Stage #5: 5481'-5491' 40,000# 20/40 SD W/10% Prop Net in last 10% SD & 435 Bbls YF 117ST

Liquid/Gel

Stage #6: 5034'-5092' 60,000# 20/40 SD, W/10% Prop Net in last 10% SD & 565 Bbls YF 117 St

Liquid/Gel

Stage #7 4822'-4828' 36,000# 20/40 SD W/10% Prop Net in last 10% SD & 400 Bbls YF 117ST

Liquid/Gel

Stage #8: 4660'-4666' 36,520# 20/40 SD W/19% Prop Net in last 10% SD & 473 Bbls YF 117 ST

Liquid/Gel

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DIVISION OF  
OIL, GAS AND MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 1148, Vernal UT 84078

(435)781-7023

4. Location of Well

Footages: 878' FSL & 1765' FEL

QQ, Sec., T., R., M.: SW/SE Sec. 16, T10S, R21E

5. Lease Designation and Serial Number

ML-10755

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

Cige #247

9. API Well Number:

43-047-33639

10. Field and Pool, or Wildcat

Natural Buttes

County: Uintah

State: UT

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Completion Report                             |

Date of work completion 9/20/00

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Subject well placed on production on 9/20/00. Please refer to the attached Chronological Well History.

13.

Name & Signature

*Cheryl Cameron*

By Cheryl Cameron

Title Sr. Regulatory Analyst

Date 9/20/00

(This space for State use only)

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DIVISION OF  
OIL, GAS AND MINING

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 1

CIGE 247

LOC.

NATURAL BUTTES FIELD

UINTAH COUNTY, UT

WI:

PBTD: 6685' PERFS:

CSG: 4.5" X 11.6# K-55 @ 6710'

SPUD DATE:

DRILL & COMPLETE, AFE: 90339

FORMATION: WASATCH

CWC(M\$):

09/16/00 FRACING WASATCH.  
PROG: MIRU. NDWH & NU BOP. RAN CBL/CCL/GR F/ 6631' - 4000' & F/ 600' TO SURF. TOC @ 500'.  
(DAY 1)

09/17/00 PROG: RIH W/ BIT ON 2 3/8" TBG & TAGGED PBTD @ 6685'. CIRC HOLE W/ 105 BBLS 2% KCL & PICKLED TBG W/ 3 BBLS 15% HCL & REV CLEAN. SPOT 300 GALS 15% HCL F/ 5381' - 6292'. POOH W/ TBG. NU FRAC VALVE. PRESS TESTED CSG TO 4900#. RIH & PERF WASATCH F/ 6288' - 6296', 4 SPF. BRK PERFS DN @ 1800# @ 2.5 BPM. ISIP: 1400#. PRESS 8 5/8" X 4 1/2" ANNULUS TO 500#.  
(DAY 2)

09/19/00 PREP TO DO CBP'S.  
PROG: STAGE #1 FRAC PERFS 6288' - 6296' W/ 40,200# 20/40 SD W/ PROP NET IN LAST 10% SD & 454 BBLS YF117ST LIQUID/GEL. MTP: 3333#, ATP: 2665#, MTR: 26.3 BPM, ATR: 22.7 BPM, ISIP: 2481#, FG: 0.82, NET PRESS INCR: 1081#. RIH W/ CBP & PERF GUN. SET CBP @ 6,220'.  
STAGE #2 PERF WASATCH 6122' - 6124', 4 SPF, 8 HOLES & 6105' - 6107', 4 SPF, 8 HOLES. BRK DN W/ 1859# @ 3 BPM. ISIP: 861#. FRAC W/ 26,000# 20/40 SD W/ 10% SD & 333 BBLS YF117ST LIQUID/GEL. MTP: 2582#, ATP: 2165#, MTR: 25.5 BPM, ATR: 21.8 BPM, ISIP: 1758#, FG: 0.72, NET PRESS INCR: 897#. RIH W/ CBP & PERF GUN. SET CBP @ 6040'.  
STAGE #3 PERF WASATCH 5920' - 5928', 4 SPF, 32 HOLES. BRK DN W/ 1859# @ 3 BPM - ISIP: 1817#. FRAC W/ 40,000# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 440 BBLS YF117ST LIQUID/GEL. MTP: 2476#, ATP: 2012#, MTR: 25.3, ATR: 22.5 BPM, ISIP: 1817#, FG: 0.74, NET PRESS INCR: 1103#. RIH W/ CBP & PERF GUN. SET CBP @ 5850'.  
STAGE #4 PERF WASATCH 5726' - 5734', 4 SPF, 32 HOLES. BRK DN W/ 1721# @ 3 BPM - ISIP: 778#. FRAC W/ 40,000# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 445 BBLS YF117ST LIQUID/GEL. MTP: 2399#, ATP: 2133#, MTR: 26 BPM, ATR: 22.5 BPM. ISIP: 1921#, FG: 0.77, NET PRESS INCR: 1163#. RIH W/ CBP & PERF GUN. SET CBP @ 5650'.  
STAGE #5 PERF WASATCH 5481' - 5491', 4 SPF, 40 HOLES. BRK DN W/ 1035# @ 3 BPM - ISIP: 620#. FRAC W/ 40,000# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 435 BBLS YF117ST LIQUID/GEL. MTP: 2408#, ATP: 2171#, MTR: 25.3 BPM, ATR: 22 BPM, ISIP: 1982#, FG: 0.79, NET PRESS INCR: 1362#. RIH W/ CBP & PERF GUN. SET CBP @ 5400'.  
STAGE #6 PERF WASATCH 5088' - 5092', 4 SPF, 16 HOLES; 5039' - 5042', 4 SPF, 12 HOLES & 5023' - 5025', 4 SPF, 8 HOLES. BRK DN W/ 1909# 3 BPM - ISIP: 1236#. FRAC W/ 60,000# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 565 BBLS YF117ST LIQUID/GEL. MTP: 2765#, ATP: 2463#, MTR: 36.7 BPM, ATR: 31 BPM, ISIP: 1836#, FG: 0.80, NET PRESS INCR: 600#. RIH W/ CBP & PERF GUN. SET CBP @ 4950'.  
STAGE #7 PERF WASATCH 4822' - 4828', 4 SPF, 24 HOLES. BRK DN W/ 3500# @ 5 BPM - ISIP: 1753#. FRAC W/ 36,000# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 400 BBLS YF117ST LIQUID/GEL. MTP: 2930#, ATP: 2650#, MTR: 25 BPM, ATR: 21.8, ISIP: 2352#, NET PRESS INCR: 609#, FG: 0.90. RIH W/ CBP & PERF GUN. SET CBP @ 4750'.  
STAGE #8 PERF WASATCH 4660' - 4666', 4 SPF, 24 HOLES. BRK DN W/ 3044# @ 3 BPM. FRAC W/ 36,520# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 473 BBLS YF117ST LIQUID/GEL. MTP: 3127#, ATP: 2556#, MTR: 25.8 BPM, ATR: 24 BPM, ISIP: 2408#, FG: 0.94, NET PRESS INCR: 1410#. SET CBP @ 4,600'.  
(DAY 3)

09/20/00 FLOW FOR CLEAN UP & POP.  
PROG: RIH W/ 3 7/8" TOOTH BIT, PMP OFF SUB, 1 JT, SN & 2 3/8" TBG. RUPWR SWVL & AIR FOAM UNIT. BRK CIRC & CO SD & CBP'S @ 4,600', 4,750' & 4,950', 5400', 5650', 5850, 6040' & 6220'. FIN RIH TO 6685' PBTD. CIRC WELL CLEAN. PUH & LANDED TBG W/ EOT @ 6276' & SN @ 6241'. ND BOP & NU TREE. PMP'D OFF BIT. FLWD BACK. CP: 600# TO 1,000#, FIP: 160# TO 500#, CHK: 64/64" TO 32/64", BWPB 36 TO 10, ONLY TRACE OF SD, ESTIMATED RATE 1500 MCF W/ 1196 BLWTR.  
(DAY 4)

09/21/00 ON PROD.  
PROG: RD. FLWD WELL FOR ADDITIONAL CLEAN UP. PLACED WELL ON SALES @ 3:00 PM TODAY. TP: 900#, CP: 1300#, SPOT PROD RATE 1000 MCF, APPX 20 BWPB. AS OF 6:00 AM - 605 MCF, 166 BW, 16/64" CHK, FIP: 750#, CP: 1200# IN 15 HRS.  
(DAY 5)

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OIL, GAS AND MINING



09/22/00      PROG: FLWD 683 MCF, 192 BW, FTP: 750# , CP: 1200# , 16/64" CHK, 17 HRS, LP: 292# , 16/64" CHK TLTR:  
3,780 BBLS, TLR: 2,776 BBLS, LLTR: 1,004 BBLS.

09/23/00      PROG: FLWD 1,234 MCF, 236 BW, FTP: 575# , CP: 925# , 21/64" CHK, 23 HRS, LP: 298# . DN 1 HR CHANGE  
DUMP LINES.

09/24/00      PROG: FLWD 1,446 MCF, 223 BW, FTP: 500# , CP: 825# , 23/64" CHK, 24 HRS, LP: 290# .

09/25/00      PROG: FLWD 1,470 MCF, 207 BW, FTP: 430# , CP: 800# , 25/64" CHK, 24 HRS, LP: 291# , LLTR: 338 BBLS.

09/26/00      PROG: FLWD 1433 MCF, 158 BW, FTP: 400# , CP: 775# , 27/64" CK, 24 HRS, LP: 284# , LLTR: 180 BW. IP  
DATE: 9/24/00 FLWG 1470 MCF, 207 BW, FTP: 430# , CP: 800# , 25/64" CK, 24 HRS, LP: 291# .  
FINAL REPORT.

---

**RECEIVED**

OCT 10 2000

DIVISION OF  
OIL, GAS AND MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 1148, Vernal UT 84078

(435)781-7023

4. Location of Well

Footages: 878' FSL & 1765' FEL

QQ, Sec., T., R., M.: SW/SE Sec. 16, T10S, R21E

5. Lease Designation and Serial Number

ML-10755

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

CIGE #247

9. API Well Number:

43-047-33639

10. Field and Pool, or Wildcat

Natural Buttes

County: Uintah

State: UT

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other _____    | Completion Report                             |

Date of work completion 9/20/00

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Subject well placed on production on 9/20/00. Please refer to the attached Chronological Well History. The production water for the subject well is contained in the production tank and then trucked to one of the following pre-approved disposal sites:

RNI, Sec. 5, T9S, R22E

NBU #159, Sec. 35, T9S, R21E

Ace Oilfield, Sec. 2, T6S, R20E

MC & MC, Sec. 12, T6S, R19E

13. Cheryl Cameron

Name & Signature

Title Sr. Regulatory Analyst

Date 9/20/00

(This space for State use only)

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OCT 16 2000

DIVISION OF  
OIL, GAS AND MINING

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 1

CIGE 247

LOC

NATURAL BUTTES FIELD

UINTAH COUNTY, UT

WI:

PBTD: 6685' PERFS:

CSG: 4.5" X 11.6# K-55 @ 6710'

SPUD DATE:

DRILL & COMPLETE, AFE: 90339

FORMATION: WASATCH

CWC(M\$):

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OCT 16 2000

DIVISION OF  
OIL, GAS AND MINING

09/16/00 FRACING WASATCH.  
PROG: MIRU. NDWH & NU BOP. RAN CBL/OCL/GR F/ 6631' - 4000' & F/ 600' TO SURF. TOC @ 500'.  
(DAY 1)

09/17/00 PROG: RIH W/ BIT ON 2 3/8" TBG & TAGGED PBTD @ 6685'. CIRC HOLE W/ 105 BBLS 2% KCL & PICKLED TBG W/ 3 BBLS 15% HCL & REV CLEAN. SPOT 300 GALS 15% HCL F/ 5381' - 6292'. POOH W/ TBG. NU FRAC VALVE. PRESS TESTED CSG TO 4900#. RIH & PERF WASATCH F/ 6288' - 6296', 4 SPF. BRK PERFS DN @ 1800# @ 2.5 BPM. ISIP: 1400#. PRESS 8 5/8" X 4 1/2" ANNULUS TO 500#.  
(DAY 2)

09/19/00 PREP TO DO CBP'S.  
PROG: STAGE #1 FRAC PERFS 6288' - 6296' W/ 40,200# 20/40 SD W/ PROP NET IN LAST 10% SD & 454 BBLS YF117ST LIQUID/GEL. MTP: 3333#, ATP: 2665#, MTR: 26.3 BPM, ATR: 22.7 BPM, ISIP: 2481#, FG: 0.82, NET PRESS INCR: 1081#. RIH W/ CBP & PERF GUN. SET CBP @ 6,220'.  
STAGE #2 PERF WASATCH 6122' - 6124', 4 SPF, 8 HOLES & 6105' - 6107', 4 SPF, 8 HOLES. BRK DN W/ 1859# @ 3 BPM. ISIP: 861#. FRAC W/ 26,000# 20/40 SD W/ 10% SD & 333 BBLS YF117ST LIQUID/GEL. MTP: 2582#, ATP: 2165#, MTR: 25.5 BPM, ATR: 21.8 BPM, ISIP: 1758#, FG: 0.72, NET PRESS INCR: 897#. RIH W/ CBP & PERF GUN. SET CBP @ 6040'.  
STAGE #3 PERF WASATCH 5920' - 5928', 4 SPF, 32 HOLES. BRK DN W/ 1859# @ 3 BPM - ISIP: 1817#. FRAC W/ 40,000# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 440 BBLS YF117ST LIQUID/GEL. MTP: 2476#, ATP: 2012#, MTR: 25.3, ATR: 22.5 BPM, ISIP: 1817#, FG: 0.74, NET PRESS INCR: 1103#. RIH W/ CBP & PERF GUN. SET CBP @ 5850'.  
STAGE #4 PERF WASATCH 5726' - 5734', 4 SPF, 32 HOLES. BRK DN W/ 1721# @ 3 BPM - ISIP: 778#. FRAC W/ 40,000# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 445 BBLS YF117ST LIQUID/GEL. MTP: 2399#, ATP: 2133#, MTR: 26 BPM, ATR: 22.5 BPM. ISIP: 1921#, FG: 0.77, NET PRESS INCR: 1163#. RIH W/ CBP & PERF GUN. SET CBP @ 5650'.  
STAGE #5 PERF WASATCH 5481' - 5491', 4 SPF, 40 HOLES. BRK DN W/ 1035# @ 3 BPM - ISIP: 620#. FRAC W/ 40,000# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 435 BBLS YF117ST LIQUID/GEL. MTP: 2408#, ATP: 2171#, MTR: 25.3 BPM, ATR: 22 BPM, ISIP: 1982#, FG: 0.79, NET PRESS INCR: 1362#. RIH W/ CBP & PERF GUN. SET CBP @ 5400'.  
STAGE #6 PERF WASATCH 5088' - 5092', 4 SPF, 16 HOLES; 5039' - 5042', 4 SPF, 12 HOLES & 5023' - 5025', 4 SPF, 8 HOLES. BRK DN W/ 1909# 3 BPM - ISIP: 1236#. FRAC W/ 60,000# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 565 BBLS YF117ST LIQUID/GEL. MTP: 2765#, ATP: 2463#, MTR: 36.7 BPM, ATR: 31 BPM, ISIP: 1836#, FG: 0.80, NET PRESS INCR: 600#. RIH W/ CBP & PERF GUN. SET CBP @ 4950'.  
STAGE #7 PERF WASATCH 4822' - 4828', 4 SPF, 24 HOLES. BRK DN W/ 3500# @ 5 BPM - ISIP: 1753#. FRAC W/ 36,000# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 400 BBLS YF117ST LIQUID/GEL. MTP: 2930#, ATP: 2650#, MTR: 25 BPM, ATR: 21.8, ISIP: 2352#, NET PRESS INCR: 609#, FG: 0.90. RIH W/ CBP & PERF GUN. SET CBP @ 4750'.  
STAGE #8 PERF WASATCH 4660' - 4666', 4 SPF, 24 HOLES. BRK DN W/ 3044# @ 3 BPM. FRAC W/ 36,520# 20/40 SD W/ 10% PROP NET IN LAST 10% SD & 473 BBLS YF117ST LIQUID/GEL. MTP: 3127#, ATP: 2556#, MTR: 25.8 BPM, ATR: 24 BPM, ISIP: 2408#, FG: 0.94, NET PRESS INCR: 1410#. SET CBP @ 4,600'.  
(DAY 3)

09/20/00 FLOW FOR CLEAN UP & POP.  
PROG: RIH W/ 3 7/8" TOOTH BIT, PMP OFF SUB, 1 JT, SN & 2 3/8" TBG. RUPWR SWVL & AIR FOAM UNIT. BRK CIRC & CO SD & CBP'S @ 4,600', 4,750' & 4,950', 5400', 5650', 5850', 6040' & 6220'. FIN RIH TO 6685' PBTD. CIRC WELL CLEAN. PUH & LANDED TBG W/ EOT @ 6276' & SN @ 6241'. ND BOP & NU TREE. PMP'D OFF BIT. FLWD BACK. CP: 600# TO 1,000#, FIP: 160# TO 500#, CHK: 64/64" TO 32/64", BWPB: 36 TO 10, ONLY TRACE OF SD, ESTIMATED RATE 1500 MCF W/ 1196 BLWTR.  
(DAY 4)

09/21/00 ON PROD.  
PROG: RD. FLWD WELL FOR ADDITIONAL CLEAN UP. PLACED WELL ON SALES @ 3:00 PM TODAY. TP: 900#, CP: 1300#, SPOT PROD RATE 1000 MCF, APPX 20 BWPB. AS OF 6:00 AM - 605 MCF, 166 BW, 16/64" CHK, FTP: 750#, CP: 1200# IN 15 HRS.  
(DAY 5)

09/22/00      PROG: FLWD 683 MCF, 192 BW, FTP: 750# , CP: 1200# , 16/64" CHK, 17 HRS, LP: 292# , 16/64" CHK LLTR: 3,780 BBLS, TLR: 2,776 BBLS, LLTR: 1,004 BBLS.

09/23/00      PROG: FLWD 1,234 MCF, 236 BW, FTP: 575# , CP: 925# , 21/64" CHK, 23 HRS, LP: 298# . DN 1 HR CHANGE DUMP LINES.

09/24/00      PROG: FLWD 1,446 MCF, 223 BW, FTP: 500# , CP: 825# , 23/64" CHK, 24 HRS, LP: 290# .

09/25/00      PROG: FLWD 1,470 MCF, 207 BW, FTP: 430# , CP: 800# , 25/64" CHK, 24 HRS, LP: 291# , LLTR: 338 BBLS.

09/26/00      PROG: FLWD 1433 MCF, 158 BW, FTP: 400# , CP: 775# , 27/64" CK, 24 HRS, LP: 284# , LLTR: 180 BW. IP  
DATE: 9/24/00 FLWG 1470 MCF, 207 BW, FTP: 430# , CP: 800# , 25/64" CK, 24 HRS, LP: 291# .  
FINAL REPORT.

---

RECEIVED

OCT 16 2000

DIVISION OF  
OIL, GAS AND MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 58 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
Office of the Secretary of State

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 14 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
(Margaret E. Roark, Assistant Secretary)

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

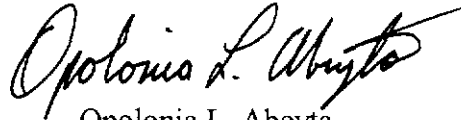
For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.



Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS ✓
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X**      **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

**CA No.****Unit: NATURAL BUTTES****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
CIGE 146-16-10-21	43-047-32021	2900	16-10S-21E	STATE	GW	P
CIGE 168-16-10-21	43-047-32123	2900	16-10S-21E	STATE	GW	P
CIGE 210-16-10-21	43-047-32888	2900	16-10S-21E	STATE	GW	P
CIGE 247	43-047-33639	2900	16-10S-21E	STATE	GW	P
CIGE 358	43-047-33708	2900	16-10S-21E	STATE	GW	P
NBU CIGE 20-20-10-21	43-047-30485	2900	20-10S-21E	STATE	GW	S
NBU 75	43-047-31103	2900	20-10S-21E	STATE	GW	S
NBU 3-2B	43-047-30267	2900	02-10S-22E	STATE	GW	P
CIGE 10-2-10-22	43-047-30425	2900	02-10S-22E	STATE	GW	P
CIGE 67A-2-10-22P	43-047-30938	2900	02-10S-22E	STATE	GW	P
NBU 217-2	43-047-31282	2900	02-10S-22E	STATE	GW	P
CIGE 144-2-10-22	43-047-32022	2900	02-10S-22E	STATE	GW	P
CIGE 161-2-10-22	43-047-32168	2900	02-10S-22E	STATE	GW	P
CIGE 195-2-10-22	43-047-32797	2900	02-10S-22E	STATE	GW	P
NBU CIGE 23-7-10-22	43-047-30333	2900	07-10S-22E	STATE	GW	P
NBU 207 (CA NW-135)	43-047-32329	2900	10-10S-22E	STATE	GW	P
NBU 222	43-047-32509	2900	11-10S-22E	STATE	GW	P
NBU 272	43-047-32889	2900	11-10S-22E	STATE	GW	DRL
NBU 31-12B	43-047-30385	2900	12-10S-22E	STATE	GW	P
NBU 24	43-047-30535	2900	12-10S-22E	STATE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If NO, the operator was contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 07/20/2001
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 07/20/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: 400JU0705

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been MICROFILMED on: 8.20.01

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: \_\_\_\_\_

---

**COMMENTS:** Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

*Debby J. Black*  
Debby J. Black  
Engineer Technician

Encl:



# United States Department of the Interior **RECEIVED**

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

### NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

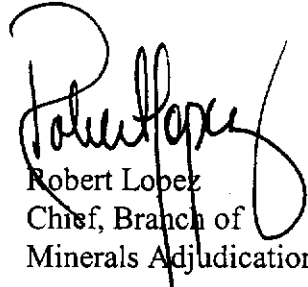
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to:  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

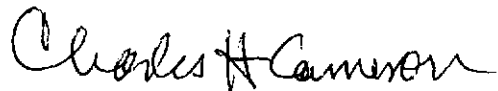
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono







## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza CITY Houston STATE TX ZIP 77064-0995		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (832) 676-5933		8. WELL NAME and NUMBER: Exhibit "A"
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238


EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.			
NAME (PLEASE PRINT)	David R. Dix	TITLE	Agent and Attorney-in-Fact
SIGNATURE		DATE	12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF. BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

DIV. OF OIL, GAS &amp; MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW✓

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02****FROM:** (Old Operator):

EL PASO PRODUCTION OIL &amp; GAS COMPANY

Address: 9 GREENWAY PLAZA

HOUSTON, TX 77064-0995

Phone: 1-(832)-676-5933

Account No. N1845

**TO:** ( New Operator):

WESTPORT OIL &amp; GAS COMPANY LP

Address: P O BOX 1148

VERNAL, UT 84078

Phone: 1-(435)-781-7023

Account No. N2115

CA No.

Unit:

NATURAL BUTTES

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 48-15-10-21	15-10S-21E	43-047-30506	2900	FEDERAL	GW	P
NBU CIGE 88D-15-10-21P	15-10S-21E	43-047-30958	2900	FEDERAL	GW	P
CIGE 119-15-10-21	15-10S-21E	43-047-31927	2900	FEDERAL	GW	P
CIGE 209-15-10-21	15-10S-21E	43-047-32943	2900	FEDERAL	GW	P
CIGE 228-15-10-21	15-10S-21E	43-047-32999	2900	FEDERAL	GW	P
CIGE 251	15-10S-21E	43-047-33720	2900	FEDERAL	GW	P
CIGE 357	15-10S-21E	43-047-33728	2900	FEDERAL	GW	P
CIGE 247	15-10S-21E	43-047-33639	2900	STATE	GW	P
CIGE 358	16-10S-21E	43-047-33708	2900	STATE	GW	P
CIGE 400	16-10S-21E	43-047-34794	2900	STATE	GW	APD
CIGE 140-16-10-21	16-10S-21E	43-047-31977	2900	STATE	GW	P
NBU CIGE 58-16-10-21	16-10S-21E	43-047-30532	2900	STATE	GW	S
NBU 62N	16-10S-21E	43-047-30909	2900	STATE	GW	P
CIGE 146-16-10-21	16-10S-21E	43-047-32021	2900	STATE	GW	P
CIGE 168-16-10-21	16-10S-21E	43-047-32123	2900	STATE	GW	P
CIGE 210-16-10-21	16-10S-21E	43-047-32888	2900	STATE	GW	P
NBU 3	17-10S-21E	43-047-30054	2900	FEDERAL	GW	PA
NBU 218-17V	17-10S-21E	43-047-31310	2900	FEDERAL	GW	P
NBU 17-18B	18-10S-21E	43-047-30317	2900	FEDERAL	GW	S
NBU 33Y	18-10S-21E	43-047-30504	2900	FEDERAL	GW	PA

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/21/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/21/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

## SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Date

Title

Operations Manager

SEP 10 2003

DIV. OF OIL, GAS &amp; MINING

9-2-2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date

Federal Approval of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date:

9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

# Westport Oil & Gas, L.P.

## Project Economics Worksheet

### Instructions:

Fill in blue areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☒ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

### Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

### Production & OPX Detail:

	Before	After	Difference
Oil Production	0.192 BOPD	0.194 BOPD	0.002 BOPD
Gas Production	0 MCFPD	0 MCFPD	0 MCFPD
Wtr Production	0 BWPD	0 BWPD	0 BWPD
Horse Power	0 HP	0 HP	0 HP
Fuel Gas Burned	0 MCFPD	0 MCFPD	0 MCFPD

### Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

### Internal Rate of Return:

After Tax IROR = #DIV/0!

### AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

### Payout Calculation:

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

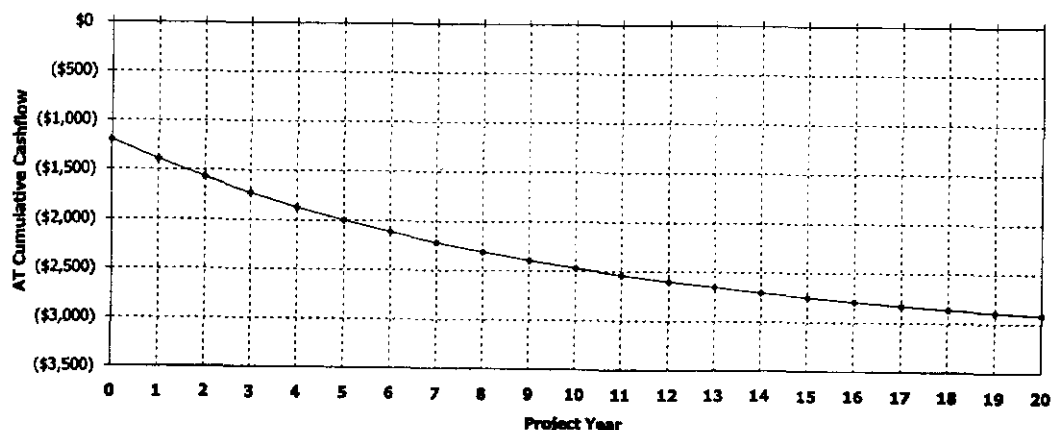
### Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

### Notes/Assumptions:

An average N&U well produces 0.192 Bopd with no tank pressure. The production is increased to 0.194 Bopd if 4 ops of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

### Project: Condensate Shrinkage Economics





# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

### Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

### Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

CIGE 194	1-10-22 SWNW	U011336	891008900A	430473293200S1
CIGE 195	2-10-22 NWNE	ML22651	891008900A	430473279700S1 ✓
CIGE 196	6-10-22 SESE	UTU01195	891008900A	430473300300S1
CIGE 197	7-9-21 NWNE	UTU0149767	891008900A	430473279800S1
CIGE 198	9-9-21 NESE	UTU01188	891008900A	430473279900S1
CIGE 199	14-9-21 NENW	UTU01193	891008900A	430473280100S1
CIGE 200	16-9-21 SENW	UTU38409	891008900A	430473280200S1
CIGE 201	18-9-21 SENE	UTU0575	891008900A	430473280400S1
CIGE 202	21-9-21 SESE	UTU0576	891008900A	430473280500S1
CIGE 203	34-9-21 NWNE	UTU01194A	891008900A	430473288100S1 ✓
CIGE 204	35-9-21 SWNE	ML22582	891008900A	430473279400S1 ✓
CIGE 205	1-10-21 SWNE	ML23612	891008900A	430473279500S1 ✓
CIGE 206	4-10-21 SESE	U01416	891008900A	430473299600S1
CIGE 207	8-10-21 NENE	UTU01791	891008900A	430473297500S1
CIGE 208	8-10-21 SWNE	UTU01791	891008900A	430473299700S1
CIGE 209	15-10-21 NENW	UTU01791A	891008900A	430473294300S1
CIGE 210	16-10-21 NESE	ML10755	891008900A	430473288800S1
CIGE 212	34-9-22 NENE	UTU0149077	891008900A	430473293800S1
CIGE 213	33-9-22 SENW	UTU01191A	891008900A	430473293300S1
CIGE 214	13-9-21 NESW	U01189	891008900A	430473281800S1
CIGE 215X	15-9-21 NENE	UTU01188	891008900A	430473369000S1
CIGE 216	15-9-21 SWNE	UTU01193	891008900A	430473282000S1
CIGE 217	16-9-21 NWSW	ML3141	891008900A	430473289800S1
CIGE 218	19-9-21 NWNE	U0581	891008900A	430473292100S1
CIGE 219	29-9-22 NESW	U01207	891008900A	430473286400S1 ✓
CIGE 220	31-9-22 SWNE	U10530A	891008900A	430473288400S1 ✓
CIGE 221	36-9-22 SWSW	ML22650	891008900A	430473286800S1 ✓
CIGE 222	36-9-22 NESW	ML22650	891008900A	430473286900S1 ✓
CIGE 223	1-10-22 NWNW	U011336	891008900A	430473298300S1
CIGE 224	2-10-21 SWNE	ML2252	891008900A	430473288300S1 ✓
CIGE 225	3-10-21 SENW	UTU0149078	891008900A	430473489500S1
CIGE 226	3-10-21 SESW	U0149078	891008900A	430473299500S1
CIGE 227	9-10-21 SESE	UTU01791	891008900A	430473299800S1
CIGE 228	15-10-21 SWNE	UTU01416A	891008900A	430473299900S1
CIGE 229	1-10-20 NWSW	UTU02270A	891008900A	430473300600S1
CIGE 230	13-10-20 SENE	UTU02270A	891008900A	430473288500S1
CIGE 231	7-9-21 SENE	UTU0575B	891008900A	430473302100S1
CIGE 232	9-9-21 NENE	UTU01188A	891008900A	430473283600S1
CIGE 233	21-9-21 NWNE	UTU0576	891008900A	430473302200S1
CIGE 234	25-9-21 SWNE	U01189	891008900A	430473287300S1 ✓
CIGE 235	25-9-21 NWSE	U01194	891008900A	430473285800S1 ✓
CIGE 236	34-9-21 SESE	U01194A	891008900A	430473286100S1 ✓
CIGE 237	15-9-21 NWSE	UTU010950A	891008900A	430473387800S1
CIGE 239	35-9-21 SENE	ML22582	891008900A	430473320600S1 ✓
CIGE 240	29-9-22 SENW	ML22935	891008900A	430473320700S1
CIGE 241	32-9-22 NENW	ML22649	891008900A	430473320800S1
CIGE 242	33-9-22 NWNW	UTU01191A	891008900A	430473402200S1
CIGE 244	1-10-21 NENW	ML23612	891008900A	430473320900S1 ✓
CIGE 245	1-10-21 SENE	ML23612	891008900A	430473321000S1 ✓
CIGE 246	2-10-21 NENW	ML-22652	891008900A	430473368700S1
CIGE 247	16-10-21 SWSE	ML10755	891008900A	430473363900S1
CIGE 248	21-10-21 NWSW	U02278	891008900A	430473322600S1
CIGE 249	8-10-22 NWNW	UTU466	891008900A	430473402300S1
CIGE 250	8-10-22 NESE	UTU01196E	891008900A	430473374300S1
CIGE 251	15-10-21 SWNW	UTU01791A	891008900A	430473372000S1
CIGE 252	21-10-21 SENW	UTU02278	891008900A	430473372100S1
CIGE 253	21-10-21 SESW	UTU02278	891008900A	430473372200S1
CIGE 254	9-10-21 NWNE	UTU01416	891008900A	430473372300S1
CIGE 255	7-9-21 SESE	UTU0575B	891008900A	430473397000S1
CIGE 256	9-9-21 SWNE	UTU01188A	891008900A	430473397100S1
CIGE 257	18-9-21 LOT 2	U0581	891008900A	430473466600S1 ✓

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See Instructions on Reverse Side

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
 2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078

Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078

Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

**NATURAL BUTTES UNIT**

**WELL NAME**

**SEC TWN RNG**

**API NO**

**ENTITY**

**NO**

**LEASE**

**TYPE**

**WELL**

**TYPE**

**WELL**

**STATUS**

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on: \_\_\_\_\_
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
 The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005237

APPROVED 5/16/06

Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)